Form 3160-3 (August 2007)

WOOGM

NOTICE OF APPROVAL

RECEIV

APR 0 4 2008

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. UTU64422

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name	
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No.	
lb. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	ner Single Zone Multiple Zone	8. Lease Name and Well No. HOSS 89-33	
	MARY A. MAESTAS	9. API Well No.	
EOG RESOURCES INC E-Mail: mary_m	aestas@eogresources.com	43-047-42011	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accorda	1 nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area	
	40.07711 N Lat, 109.33041 W Lon	Sec 33 T8S R23E Mer SLB SME: BLM	
At proposed prod. zone NWSE 1872FSL 2170FEL	40.07711 N Lat, 109.33041 W Lon		
 Distance in miles and direction from nearest town or post off 35.4 MILES SOUTH OF VERNAL, UT 	ice*	12. County or Parish 13. State UINTAH UT	
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well	
lease line, ft. (Also to nearest drig. unit line, if any) 660'	1920.00	40.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	
completed, applied for, on this lease, ft. 5230	9600 MD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5019 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	
	24. Attachments	.nour	
The following, completed in accordance with the requirements of C	Onshore Oil and Gas Order No. 1, shall be attached to this	form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office 	Item 20 above). Lands, the 5. Operator certification	ormation and/or plans as may be required by the	
25. Signature	Name (Printed/Typed)	Date	
(Electronic Submission)	MÀRY A. MAÉSTAS Ph. 303-824-5526	04/04/2008	
Title REGULATORY ASSISTANT			
Approved by (Signature)	Name (Printed/Typed)	Date	
Che Tomason	Jerry Kendle	FEB_U5_20	109
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE		
Application approval does not warrant or certify the applicant hold operations thereon.	s legal or equitable title to those rights in the subject lease	which would entitle the applicant to conduct	
Conditions of approval, if any, are attached.	en e	>-	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, m States any false, fictitious or fraudulent statements or representatio	ake it a crime for any person knowingly and willfully to m	ake to any ee a man or agency of the United	
States any false, fictitious or fraudulent statements or representatio	as as to any matter within its jurisdiction.		
		EB 19 2009	
Additional Operator Remarks (see next page) Electronic Submiss	DIV. OF	FOIL, GAS & MINING mation System	
roi i	EOG RESOURCES INĆ, sent to the Vernal r processing by GAIL JENKINS on 04/08/2		

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources Inc.

Location:

NWSE, Sec.33,T8S,R23E

Well No:

Hoss 89-33

Lease No:

UTU-64422

API No:

43-047-40011

Agreement:

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)		Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	_	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they would not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- In order to keep the fill out of the drainage, all fill will catch at or before corner eight.
- Monitor the initial construction of the well pad, access road and pipeline by a qualified permitted
 paleontologist and thereafter spot-monitor the location during the remainder of the construction
 process. Report all mitigation-curation of vertebrates and other scientifically significant fossils
 that may be affected by the construction.
- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within crucial year long pronghorn habitat May 15- June 20.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
- COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
- All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E.
- Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
- A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- Request to commingle the Wasatch and Mesaverde is approved. This approval can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

Onshore Order no. #2 Drilling Operations III. E. 1.

All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E.

Drilling Operations, Special Drilling Operations, air/gas drilling. variance(s) to Onshore Order #2 Drilling Operations III. E.

- requirement for deduster equipment
- requirement waived for deduster equipment
- Deduster equipment capabilities described by operator as function performed by continuous sprayer water mist
- automatic igniter or continuous pilot light on the blooie line
- requirement waived for ignitor and pilot light operators blooie line output fluid stream is an incombustible aerated water system blooie line fire prevention and suppression function operation achieved thru continuous aerated water fluid stream flow
- compressors located in opposite direction from the bloole line a minimum of 100 feet
- Compressors are truck mounted. Operators standard practice is to rig up with truck mounted
- compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.
- Conductor casing shall be set into competent formation at a depth of 60 ft, plus or minus 10 ft. COA specification is consistent with operators performance standard (operators shallow surface operations covered in part 13 Air Drilling Operations) stated in APD.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum

Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or
 abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
 Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
 plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
 casing left in hole, and the current status of the surface restoration.

Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5.	Lease Serial No.
	UTU64422

APPLICATION FOR	AD DEELITED

APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name	e	
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name	and No.
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	er Single Zone	Lease Name and Well No. HOSS 89-33	
	MARY A. MAESTAS aestas@eogresources.com	9. API Well No. 43-047-400]]	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/WAS	ATCH/MV
4. Location of Well (Report location clearly and in accordance	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area	
At surface NWSE 1872FSL 2170FEL	40.07711 N Lat, 109.33041 W Lon	Sec 33 T8S R23E Mer SL	В
At proposed prod. zone NWSE 1872FSL 2170FEL	40.07711 N Lat, 109.33041 W Lon		
14. Distance in miles and direction from nearest town or post of 35.4 MILES SOUTH OF VERNAL, UT	ffice*	12. County or Parish UINTAH COUNTY	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this v	well
660'	2480.00	40.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	*···
completed, applied for, on this lease, ft. 5230'	9600 MD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5019 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- A Drilling Plan.
 A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the

25. Signifure (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 04/04/2008
Title REGULATOBY ASSISTANT Approved by (Signante)	Name (Printed/Typed)	Date
Title	Office ENVIRONMENTAL MANAGER	(4)5-05-08

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #59433 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal

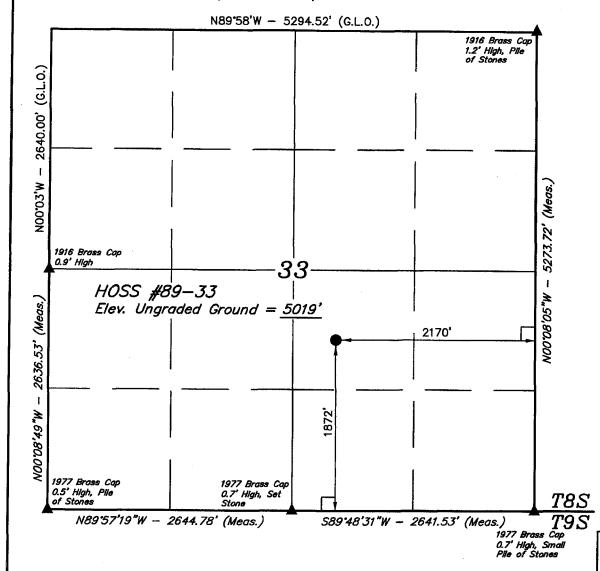
642423X 44374454

-109 329 701

Federal Approval of this Action is Necessary

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

T8S, R23E, S.L.B.&M.



LEGEND:

_ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°04'37.61" (40.077114) LONGITUDE = 109°19'49.46" (109.330406)

(NAD 27)

LATITUDE = 40°04'37.74" (40.077150) LONGITUDE = 109°19'47.01" (109.329725)

EOG RESOURCES, INC.

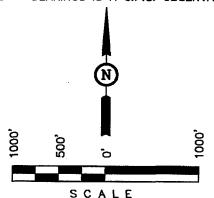
Well location, HOSS #89-33, located as shown in the NW 1/4 SE 1/4 of Section 33, T8S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE FIGURATION FROM FIELD NOTES OF ACTUAL SURVEY WAS BY ME ON UNCELLY SUPERVISION AND THAT THE SAME THE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT THE SAME THE THE SAM

CISTURED LAAD SURVEYOR LASTRATION NO. 16119

Untah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 10-31-07 12-07-07		
PARTY J.M. K.F. C.P.	REFERENCES G.L.O. PLAT		
WEATHER COOL	FILE EOG RESOURC	ES. INC.	

STATE OF COLORADO)

) ss

COUNTY OF DENVER)

VERIFICATION

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc., of Denver, Colorado. EOG Resources, Inc. is the operator of the following described well:

Hoss 89-33 1872' FSL – 2170' FEL (NWSE) SECTION 33, T8S, R23E UINTAH COUNTY, UTAH

EOG Resources, Inc., Kerr-McGee Oil & Gas Onshore LP, Questar Exploration and Production Company, and Encana Oil & Gas (USA) Inc., Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 4th day of April, 2008 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, Kerr-McGee Oil & Gas Onshore LP, Questar Exploration and Production Company, and Encana Oil & Gas (USA) Inc.

Further affiant saith not.

Mary A. Maestas

Regulatory Assistant

Subscribed and sworn before me this 4th day of April, 2008.

Notary Public

My Commission Expires:

ERIN S. HAWKINS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 08/31/2011

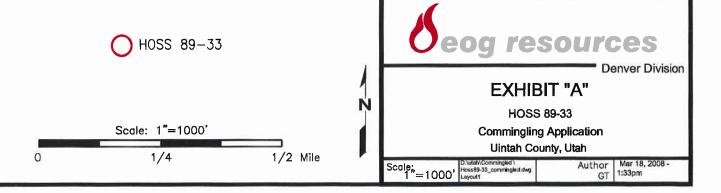
Exhibit "A" to Affidavit Hoss 89-33 Application to Commingle

Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, Colorado 80202 Attn: Mr. Barrett Brannon

Kerr-McGee Oil & Gas Onshore LP 1999 Broadway, Suite 3700 Denver, CO 80202 Attn: Mr. W. Chris Latimer

Questar Exploration and Production Company Independence Plaza 1050 17th Street, Suite 500 Denver, Colorado 80265 Attention: Mr. Nate Koeniger

R 23 E UTU-75247 HOSS 69-33 # U-64422



HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	2,135		Shale	
Mahogany Oil Shale Bed	2,776		Shale	
Wasatch	5,033	Primary	Sandstone	Gas
Chapita Wells	5,619	Primary	Sandstone	Gas
Buck Canyon	6,266	Primary	Sandstone	Gas
North Horn	6,869	Primary	Sandstone	Gas
KMV Price River	7,355	Primary	Sandstone	Gas
KMV Price River Middle	8,112	Primary	Sandstone	Gas
KMV Price River Lower	8,881	Primary	Sandstone	Gas
Sego	9,393		Sandstone	
TD	9,600			

Estimated TD: 9,600' or 200'± below TD

Anticipated BHP: 5,242 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Sìze	Length	<u>Size</u>	<u>WEIGHT</u>	Grade	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 - 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,300° KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

<u>HOSS 89-33</u> <u>NW/SE, SEC. 33, T8S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the bloole line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail:

207 sks

Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk..

5.2 gps water.

Top Out:

As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail

cement to 500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead:

152 sks:

Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail:

891 sks:

50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200' \pm above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400' \pm above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. AIR DRILLING OPERATIONS:

- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.

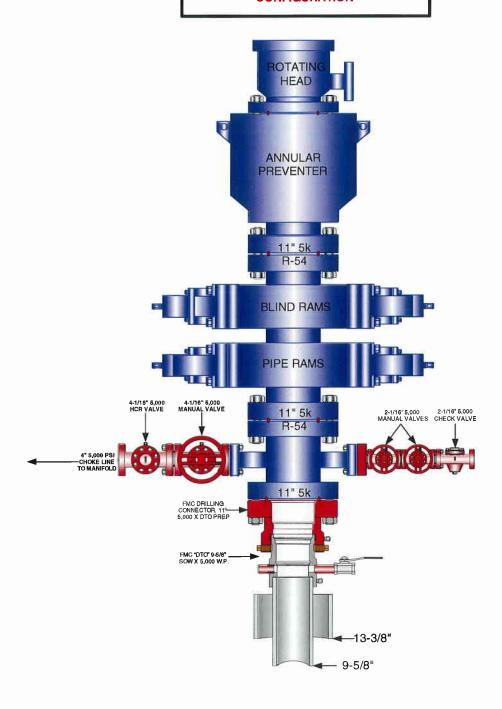
HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

- Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

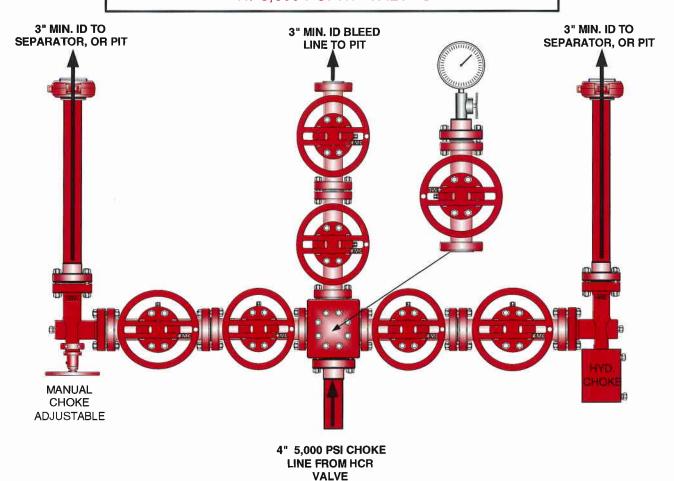
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



Hoss 89-33 NWSE, Section 33, T8S, R23E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 792 feet long with a 40-foot right-of-way, disturbing approximately .73 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.98 acres. The pipeline is approximately 1537 feet long with a 40-foot right-of-way disturbing approximately 1.41 acres.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 35.4 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 792' in length, with culverts installed as construction dictates. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease # UTU-64422.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 1537' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU-64422) proceeding in a southwesterly direction for an approximate distance of 1537' tieing into a proposed pipeline for the Hoss 73-33 in the NESW of Section 33, T8S, R23E (Lease UTU-64422). Authorization for the pipeline for the Hoss 73-33 was requested within the APD submitted October 10, 2007. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease # UTU-64422.
- 7. The proposed pipeline route begins in the NWSE of Section 33, Township 8S, Range 23E, proceeding southwesterly for an approximate distance of 1537' to the NESW of Section 33, Township 8S, Range 23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #4. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

The corners of the well pad will be rounded off as needed to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Reclamation of the Surface:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	6.0
Needle and Threadgrass	6.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing Saltbush	3.0
Shadscale	3.0
Indian Ricegrass	2.0
HyCrest Wheatgrass	1.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for

the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

Additional Surface Stipulations:

None.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

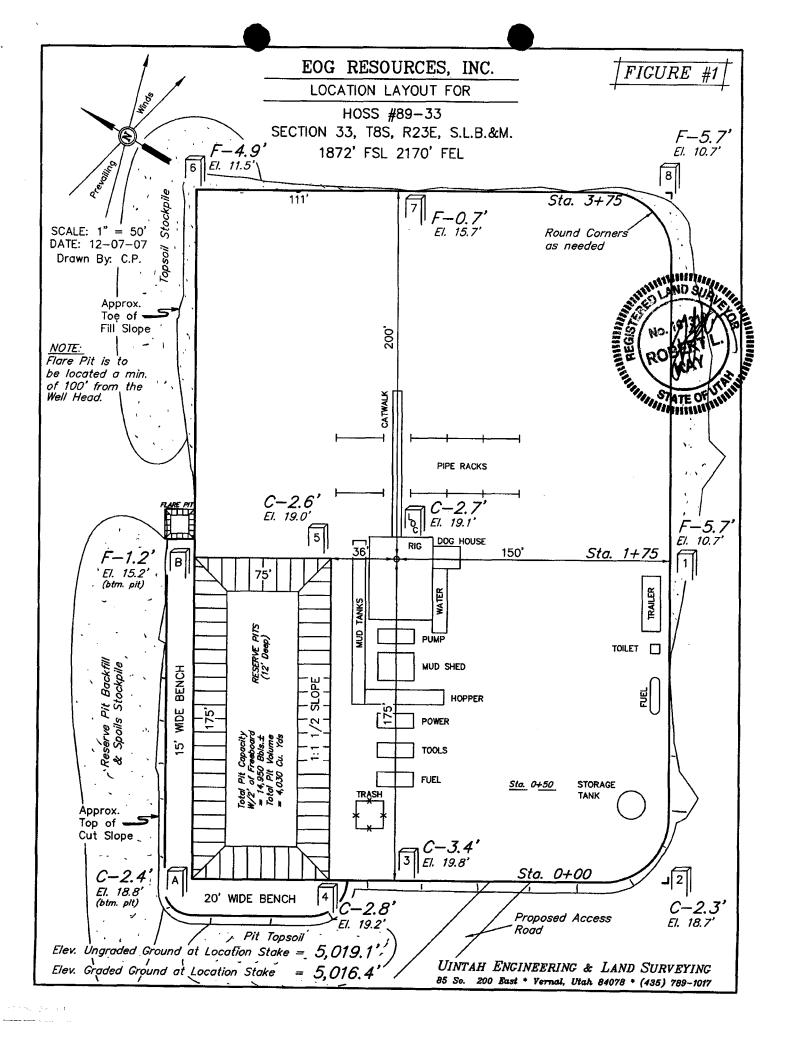
The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

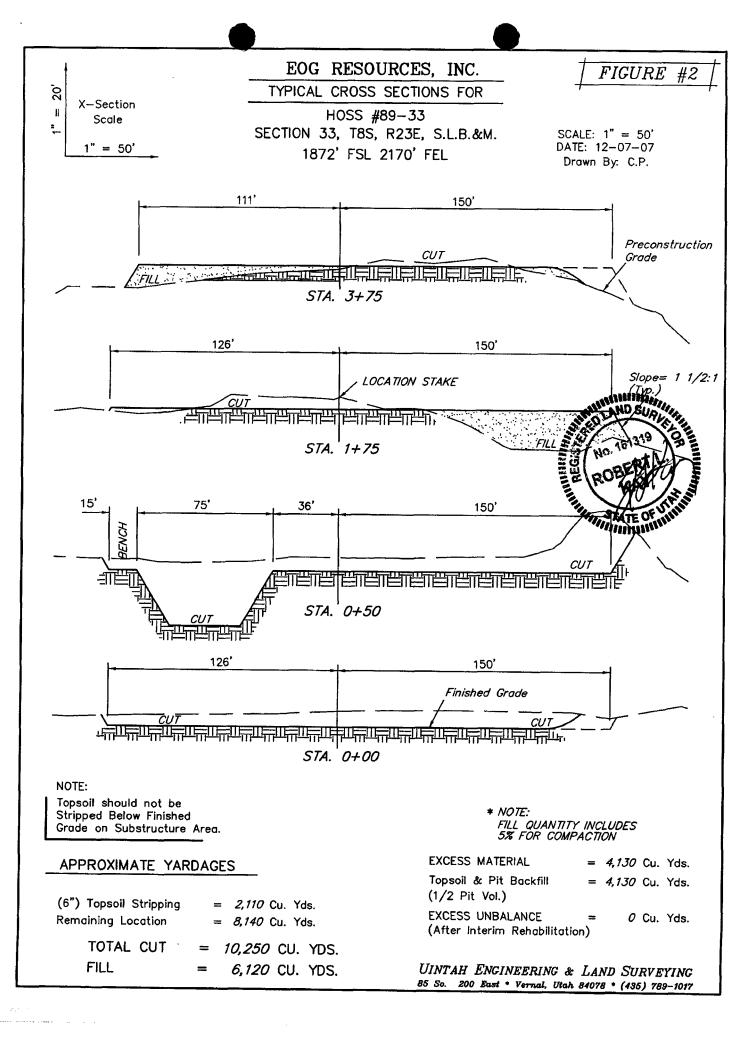
CERTIFICATION:

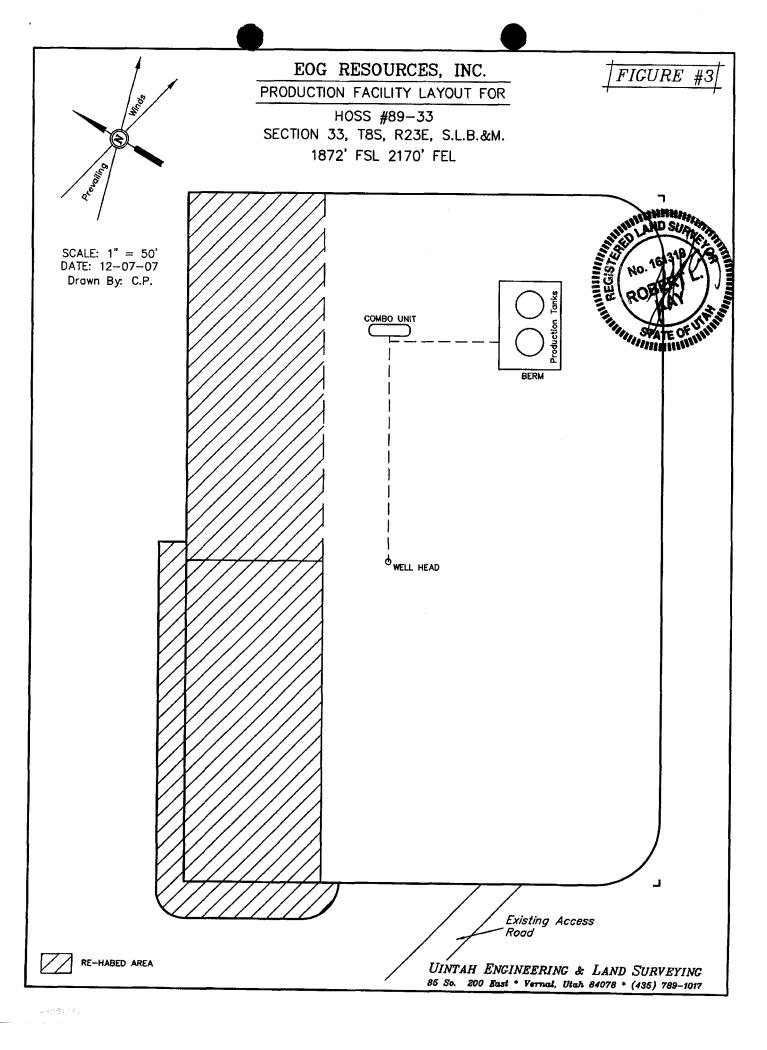
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 89-33 Well, located in the NWSE, of Section 33, T8S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

April 4, 2008	Mary a Marson
Date	Mary A. Maestas, Regulatory Assistant
Date of onsite: March 27, 2008	







EOG RESOURCES, INC.

HOSS #89-33

LOCATED IN UINTAH COUNTY, UTAH SECTION 33, T8S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

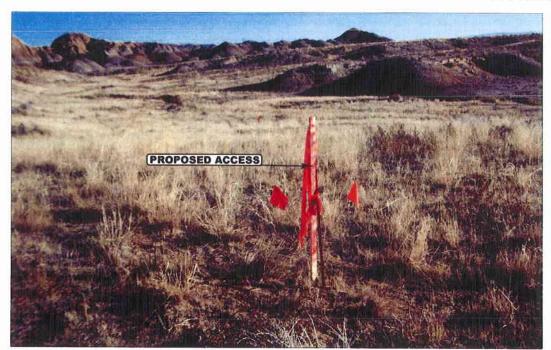
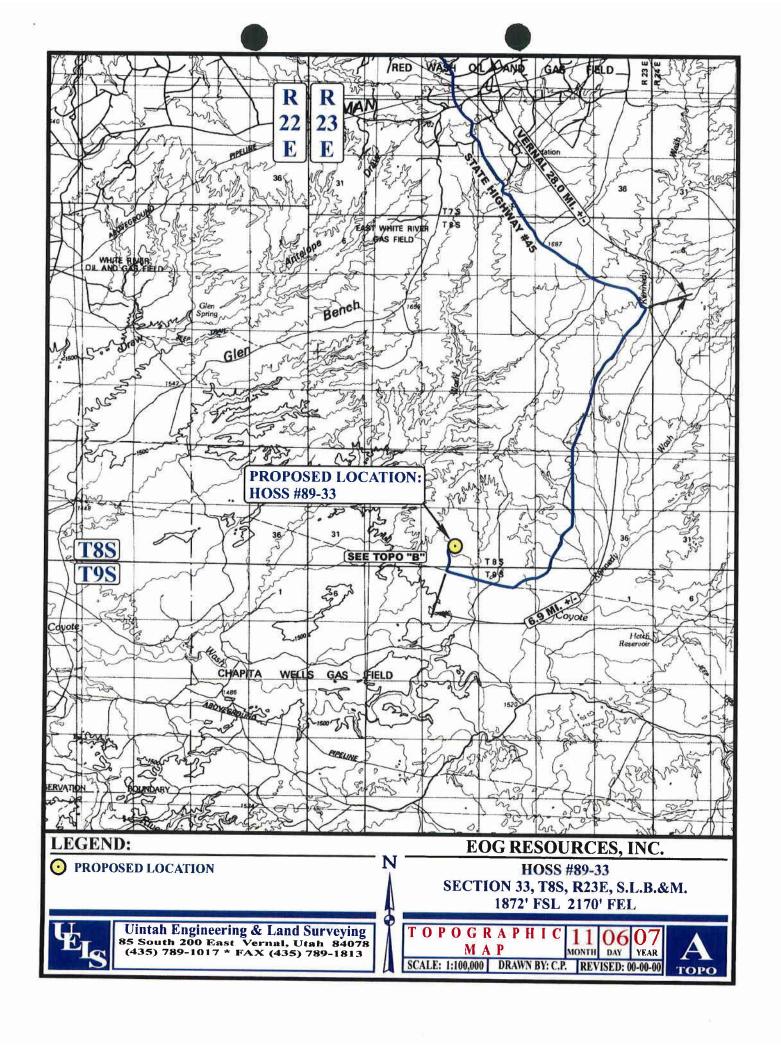


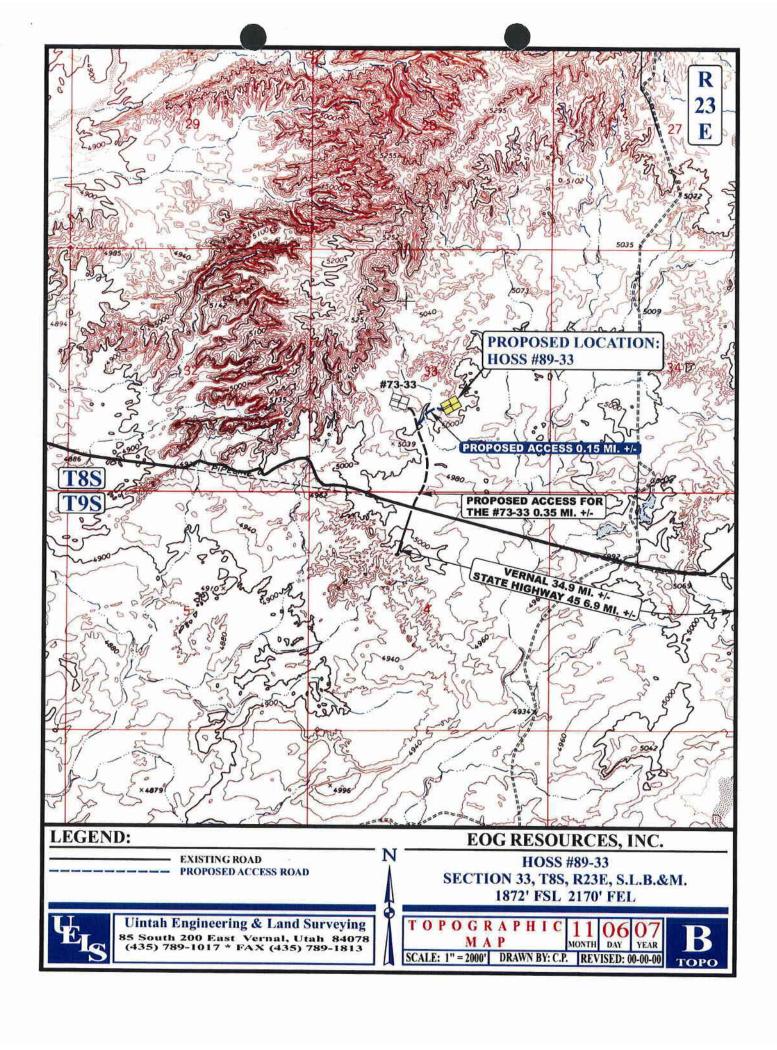
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

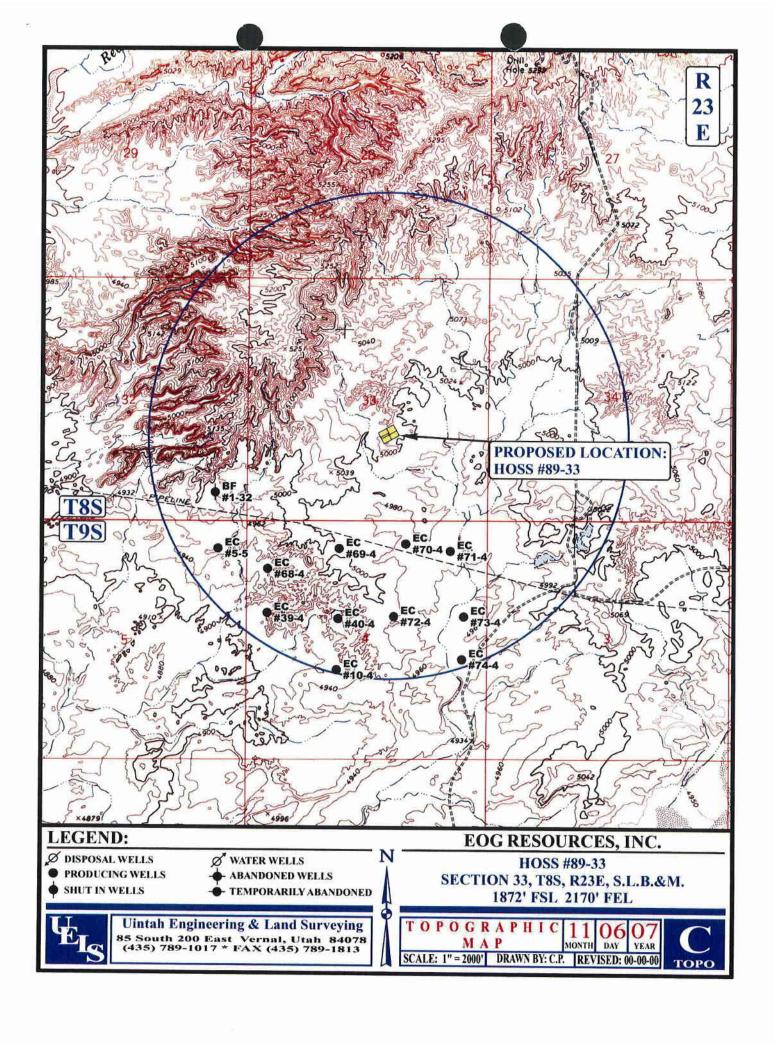
CAMERA ANGLE: EASTERLY

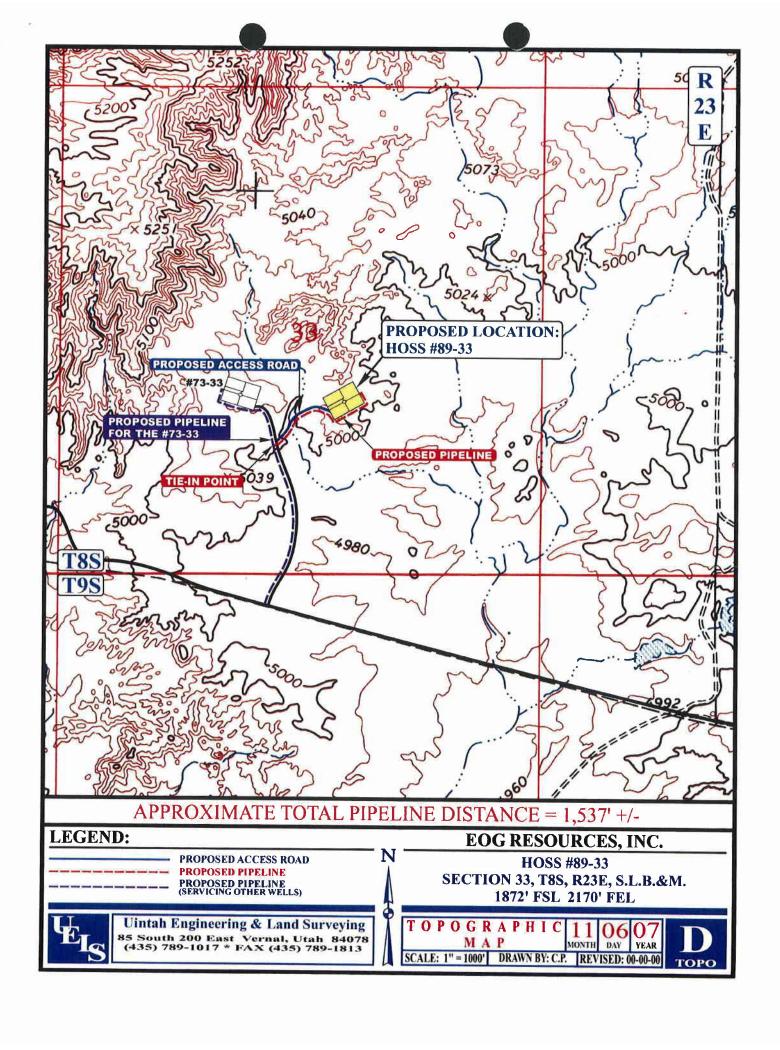




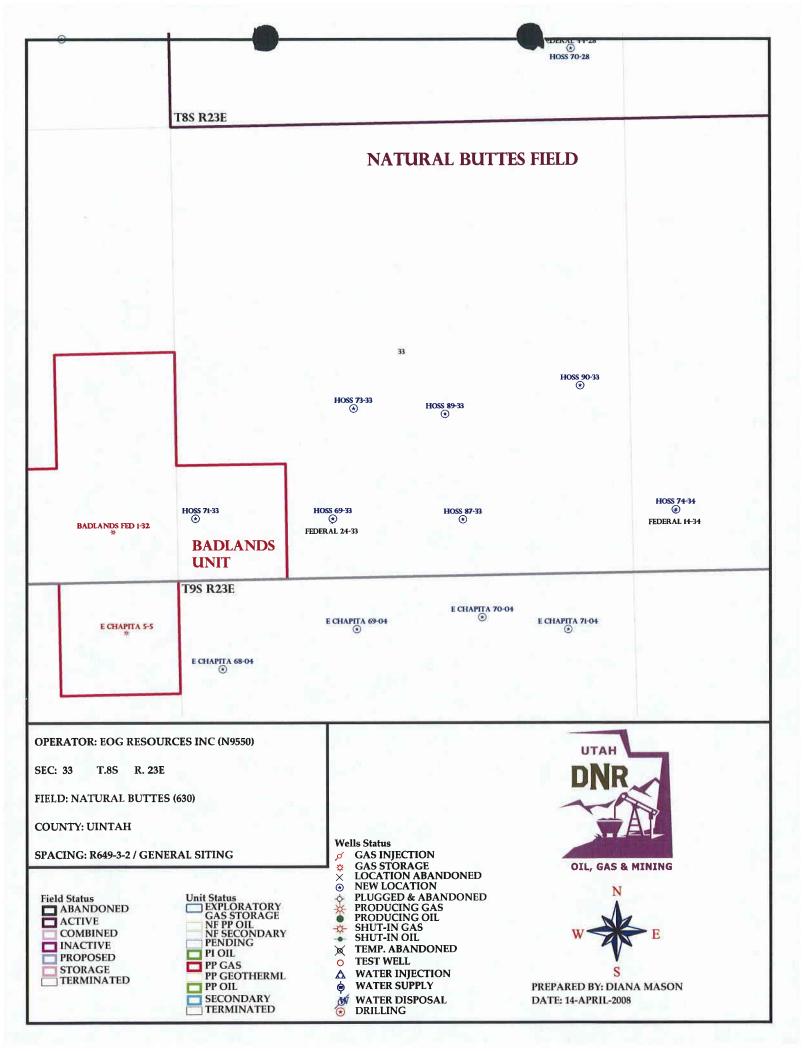


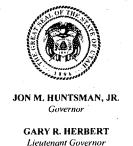






APD RECEIVED: 04/10/2008	API NO. ASSIGNED: 43-047-40011
WELL NAME: HOSS 89-33 OPERATOR: EOG RESOURCES, INC. (N9550) CONTACT: MARY MAESTAS	PHONE NUMBER: 303-824-5526
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NWSE 33 080S 230E	Tech Review Initials Date
SURFACE: 1872 FSL 2170 FEL BOTTOM: 1872 FSL 2170 FEL	Engineering DKD 5/5/00
COUNTY: UINTAH	Geology
LATITUDE: 40.07714 LONGITUDE: -109.3297 UTM SURF EASTINGS: 642423 NORTHINGS: 44374	Surface
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU64422 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM2308 Potash (Y/N) Ni Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-225 Ni RDCC Review (Y/N) (Date: Date: Intent to Commingle (Y/N) (Wsath, Mesaverde)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General
STIPULATIONS: 1- Comments 2- Spacens 3- Comments	Sony Syp







MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 5, 2008

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re: Hoss 89-33 Well, 1872' FSL, 2170' FEL, NW SE, Sec. 33, T. 8 South, R. 23 East,

Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40011.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.					
Well Name & Number	Hoss 89-33					
API Number:	43-047-4001	43-047-40011				
Lease:	UTU64422					
Location: NW SE	Sec. 33	T. 8 South	R. 23 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH TMENT OF NATURAL RESOURCES

J		5. LEASE DESIGNATION AND SERIAL NUMBER:				
SUNDRY	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill ru drill horizontal la	7. UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER_			8. WELL NAME and NUMBER: Hoss 89-33		
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43-047-40011		
3. ADDRESS OF OPERATOR: 1060 East Highway 40	, Vernal State UT 240	84078	PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes		
4. LOCATION OF WELL			LON	limtob		
FOOTAGES AT SURFACE: 1872' I	FSL & 2170' FEL 40.077114 LAT	1 109.330400	LON	county: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NWSE 33 8S 2	23E S.L.B.	& M.	STATE: UTAH		
11. CHECK APPR	ROPRIATE BOXES TO INDICAT			RT, OR OTHER DATA		
TYPE OF SUBMISSION		F	YPE OF ACTION			
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION		
(Submit in Duplicate)	ALTER CASING	FRACTURE		SIDETRACK TO REPAIR WELL		
Approximate date work will start:	CASING REPAIR	MEW CONS	TRUCTION	TEMPORARILY ABANDON		
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR		
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACH	<	WATER DISPOSAL		
Date of work completion:	CHANGE WELL STATUS	PRODUCTI	ON (START/RESUME)	WATER SHUT-OFF		
2 200 01 Hottl 00/1/plotter/	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	✓ OTHER: APD EXTENSION		
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	REQUEST		
EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year. Approved by the Utah Division of Oil, Gas and Mining Copy Sent to Operator Date: 5111-2001 Initials: 125						
NAME (PLEASE PRINT) Mickenzie	Thacker	ТІТІ	_ Operations Clerk			
SIGNATURE William	i Thacky ")	DAT	5/1/2009			
This space for State use only)						

RECEIVED
MAY 0 5 2009

Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-40011 Well Name: Hoss 89-33 Location: 1872 FSL & 217 Company Permit Issued to Date Original Permit Issue		8S, R23E S.L.B.&M					
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.							
Following is a checklist of severified.	ome items related to the ap	plication, which should be					
If located on private land, has agreement been updated?		if so, has the surface					
Have any wells been drilled the spacing or siting require	•						
Has there been any unit or opermitting or operation of the							
Have there been any chang of-way, which could affect the		-					
Has the approved source of	f water for drilling changed?	Yes□No☑					
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑							
Is bonding still in place, whi	ch covers this proposed we	ell? Yes ☑No □					
Midluni Wae Signature Title: Operations Clerk	w	5/1/2009 Date					
Representing: EOG Resource	es, Inc.	RECEIVED MAY 0 5 2009					

DIV. OF OIL, GAS & MINING

STATE OF UTAH			FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU64422				
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HOSS 89-33		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047400110000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-91:	PHONE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL QTR/QTR, SECTION, TOWNSHI	TD DANGE MEDIDIAN.		COUNTY: UINTAH		
	Township: 08.0S Range: 23.0E Meridian: S	5	STATE: UTAH		
11.	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start: 4/14/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS ☐ FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
EOG Resources, Inc.	pmpleted operations. Clearly show all pertores respectfully requests the APD extended for one year.	for the referenced well be			
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	TITLE Regulatory Assistant			
SIGNATURE N/A		DATE 4/14/2010			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047400110000

API: 43047400110000

Well Name: HOSS 89-33

Location: 1872 FSL 2170 FEL QTR NWSE SEC 33 TWNP 080S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 5/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? (Yes (No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? • Yes • No Utah Division of Oil, Gas and Mining

Signature: Michelle Robles **Date:** 4/14/2010

Title: Regulatory Assistant Representing: EOG RESOURCES, INC.

Date: April 20, 2010

Bv: 🎾

STATE OF UTAH			FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU64422		
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen e ıgged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HOSS 89-33		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047400110000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL	TO DANCE MEDIONAL		COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 33	Township: 08.0S Range: 23.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
7/15/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
Date of Spud.	TUBING REPAIR TUBING TUBING TEPAIR	VENT OR FLARE	WATER DISPOSAL		
	_	_			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. Conductor size: Item 4 Float Equipment: Item 5 Logs: Item 8 Please see the attached revised Drilling Plan reflecting the purposed changes. Accepted by the Utah Division of Oil, Gas and Mining Date: July 20, 2010					
By: John Lunt					
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk			
SIGNATURE N/A		DATE 7/15/2010			

MW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	2,135		Shale	
Mahogany Oil Shale Bed	2,776		Shale	
Wasatch	5,033	Primary	Sandstone	Gas
Chapita Wells	5,619	Primary	Sandstone	Gas
Buck Canyon	6,266	Primary	Sandstone	Gas
North Horn	6,869	Primary	Sandstone	Gas
KMV Price River	7,355	Primary	Sandstone	Gas
KMV Price River Middle	8,112	Primary	Sandstone	Gas
KMV Price River Lower	8,881	Primary	Sandstone	Gas
Sego	9,393		Sandstone	
TD	9,600			

Estimated TD: 9,600' or 200'± below TD Anticipated BHP: 5,242 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2.000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 - 60'	14"	32.5#	A252			1880 PSI	10,000#
Surface	12 1/4"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

Note: $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary object. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting
 equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

CBL/CCL/VDL/GR

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,

5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail

cement to 500'above the casing shoe.

HOSS 89-33

NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD)

Lead: 152 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 891 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. AIR DRILLING OPERATIONS:

Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.

HOSS 89-33 NW/SE, SEC. 33, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH				FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING					SE DESIGNATION AND SERIAL NUMBER: 4422
SUNDI	RY NOTICES AND REPORTS	S ON	WELLS	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			7.UNI	T or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					LL NAME and NUMBER: 5 89-33
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7400110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		1 ONE NU 9111 Ex			LD and POOL or WILDCAT: IRAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL				COUN' UINT	
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: NWSE Section: 33	IP, RANGE, MERIDIAN: Township: 08.0S Range: 23.0E Meridian	n: S		STATE	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPORT	, or ot	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE	Пр	PLUG AND ABANDON		PLUG BACK
✓ SPUD REPORT	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud: 8/6/2010	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR	□ v	/ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION		APD EXTENSION
	☐ WILDCAT WELL DETERMINATION		OTHER	от	HER:
l .	OMPLETED OPERATIONS. Clearly show all post referenced well was spud or			volumes	, etc.
	·				oted by the
					Division of
					s and Mining
			FO	RR	ECORD ₆ , ONLY
					1148451 10, 2010
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBE 435 781-9145	R	TITLE Operations Clerk		
SIGNATURE N/A			DATE 8/13/2010		

STATE OF UTAH				FORM 9	
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M			5.LEASE UTU644	DESIGNATION AND SERIAL NUMBER: 22
SUND	RY NOTICES AND REPORTS	S ON	WELLS	6. IF IND	DIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			7.UNIT o	r CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well				8. WELL HOSS 8	NAME and NUMBER: 9-33
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NI 430474	UMBER: 00110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		HONE NU 111 Ex			and POOL or WILDCAT: AL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 33	IP, RANGE, MERIDIAN: Township: 08.0S Range: 23.0E Meridian	n: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	TURE OF NOTICE, REPORT,	OR OTHI	ER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE	□ A	LTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ c	HANGE TUBING		CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ c	OMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FI	RACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE	☐ PI	LUG AND ABANDON		PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	☐ R	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	□ s:	IDETRACK TO REPAIR WELL	□ 1	TEMPORARY ABANDON
	☐ TUBING REPAIR	□ v	ENT OR FLARE	□ \	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	□ s:	I TA STATUS EXTENSION		APD EXTENSION
8/6/2010	☐ WILDCAT WELL DETERMINATION	□ o	THER	ОТНЕ	R:
l .	DMPLETED OPERATIONS. Clearly show all p			olumes, et	tc.
No act	tivity has occurred since spud	d on 8			and less than
					ed by the Division of
					and Mining
			FUF	, VE	CORP, ONLY
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBE 435 781-9145	R	TITLE Operations Clerk		
SIGNATURE			DATE 8/13/2010		
N/A			0/13/2010		

STATE OF UTAH			FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU64422		
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepen on gged wells, or to drill horizontal laterals. Us	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HOSS 89-33		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047400110000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		E NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 08.0S Range: 23.0E Meridian: S	3	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
8/6/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	VENT OR FLARE	✓ WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12 PEGGPTPE PROPOSED OF G					
EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU Accepted by the 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds Utah Division of 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. RNI Disposal 7. Hoff, Gas and Mining SWD Wells ROW# UTU86010 & UTU897093 FOR RECARDLY					
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk			
SIGNATURE N/A		DATE 8/13/2010			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		ENTITY ACTIO	ON FORM	
Operator:	EOG Resources, Inc.		Operator Account Number:	N 9550
Address:	1060 East Highway 40			
	city Vernal			
	state UT	zin 84078	Phone Number:	(435) 781-9154

Well 1

API Number	Well Name QQ Sec Twp				Twp	Rng County		
43-047-50048	HOSS 54-29		SWNE	29	8S	23E	UINTAH	
Action Code	Current Entity Number	New Entity Number			pud Date		y Assignment fective Date	
Α	99999	17729	8/7/2010			9	119/10	

Well 2

API Number	Well	QQ	Sec	Twp	Rng	County		
43-047-40011	HOSS 89-33		NWSE	33	88	23E	UINTAH	
Action Code	Current Entity Number	New Entity Number	Sı			y Assignment fective Date		
Α	99999	17730	8/6/2010			8/19/10		
Comments: WAS	ATCH/MESAVERDE					/	1///	

Well 3

API Number	Well I	QQ	QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date		
Comments:					 			
		RECEIVE)					

ACTION CODES:

AUG 1 6 2010

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or uptwoff OIL, GAS & MINING

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

Mickenzie Gates

Name (Please Prin	t)_
Name (Please Prin	MATTA
Signature	Chumo

Op	erations	Clerk

8/13/2010

Title

Date

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES	FORM 9					
	DIVISION OF OIL, GAS, AND MI	NING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU64422					
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deeper agged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HOSS 89-33					
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047400110000					
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL QTR/QTR, SECTION, TOWNSHI	D DANCE MEDIDIAN.		COUNTY: UINTAH					
Qtr/Qtr: NWSE Section: 33	STATE: UTAH							
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, RI	EPORT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME					
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORM	ATIONS CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION					
	OPERATOR CHANGE	L PLUG AND ABANDON	☐ PLUG BACK					
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION					
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON					
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE ☐	☐ WATER DISPOSAL					
Report Date: 9/2/2010	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
3,2,2010	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:					
	pmpleted operations. Clearly show all perent down all perent for all activity up to 9/2/20:	the referenced well s						
Mickenzie Gates	435 781-9145	Operations Clerk						
N/A		DATE 9/2/2010						

WELL CHRONOLOGY **REPORT**

Report Generated On: 09-02-2010

Well Name	HOSS 089-33	Well Type	DEVO	Division	DENVER
Field	PONDEROSA	API#	43-047-40011	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	9,600/ 9,600	Property #	062516
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	2,761/2,761
KB / GL Elev	5,032/5,016				
Location	SECTION 33, T8S, R23E, NV	WSE, 1872 FSL & 217	0 FEL		

Event No	1.0	I	Description	DRILL & COMPLET	ΓE	
Operator	EOG RESOURO	CES, INC	WI %	100.0	NRI %	77.0
AFE No	306091		AFE Total	1,570,100	DHC / CWC	625,800/ 944,300
Rig Contr	TRUE	Rig Name	TRUE #31	Start Date	05-05-2008 Relea	ase Date
05-05-2008	Reported By	CYN	NTHIA HANSELMA	ΔN		
DailyCosts: D	rilling \$0		Completio	on \$0	Daily Total	\$0
Cum Costs: D	rilling \$0		Completio	on \$0	Well Total	\$0
MD	0 TVD	0	Progress 0	Days	0 MW 0	.0 Visc 0.0
Formation:		PBTD : 0.0		Perf:	PKR	Depth: 0.0

Activity at Report Time: LOCATION DATA

Start **Activity Description** 06:00 06:00 24.0 LOCATION DATA

> 1872' FSL & 2170' FEL (NW/SE) **SECTION 33, T8S, R23E** UINTAH COUNTY, UTAH

LAT 40.077150, LONG 109.329725 (NAD 27) LAT 40.077114, LONG 109.330406 (NAD 83)

TRUE #31

OBJECTIVE: 9600' TD, MESAVERDE

DW/GAS

PONDEROSA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-64422

ELEVATION: 5019.1' NAT GL, 5016.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5016'), 5032' KB

(16')

EOG WI 100%, NRI 67%

07-30-2010 Reported By NATALIE BRAYTON

DailyCosts: Drilling	\$75,000	Completi	ion \$0		Daily Tota	ıl	\$75,000	
Cum Costs: Drilling	\$75,000	Completi	ion \$0		Well Total	l	\$75,000	
MD 0	TVD 0	Progress) Days	0	MW	0.0	Visc	0.0
Formation:	PBTD	: 0.0	Perf:		PF	KR Dept	h : 0.0	
Activity at Report T	ime: BUILD LOCATION	ON						
Start End	Hrs Activity D	Description						
06:00 06:00	24.0 STARTED I	LOCATION TODAY, 7/30	0/2010.					
08-02-2010 R	Reported By	TERRY CSERE						
DailyCosts: Drilling	\$0	Completi	ion \$0		Daily Tota	ıl	\$0	
Cum Costs: Drilling	\$75,000	Completi	ion \$0		Well Total	[\$75,000	
MD 0	TVD 0	Progress	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD	: 0.0	Perf:		PF	KR Dept	h : 0.0	
Activity at Report T	ime: BUILD LOCATION	ON						
Start End	Hrs Activity D	Description						
06:00 06:00	24.0 LOCATION	N 15% COMPLETE.						
08-03-2010 R	deported By	TERRY CSERE						
DailyCosts: Drilling	\$0	Completi	ion \$0		Daily Tota	ıl	\$0	
Cum Costs: Drilling	\$75,000	Completi	ion \$0		Well Total	l	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:		PF	KR Dept	h : 0.0	
Activity at Report T	ime: BUILD LOCATIO	ON						
Start End	Hrs Activity D	Description						
06:00 06:00	24.0 LOCATION	N 25% COMPLETE.						
08-04-2010 R	Reported By	TERRY CSERE						
DailyCosts: Drilling	\$0	Completi	ion \$0		Daily Tota	ıl	\$0	
Cum Costs: Drilling	\$75,000	Completi	ion \$0		Well Total	l	\$75,000	
MD 0	TVD 0	Progress	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:		PF	KR Dept	h : 0.0	
Activity at Report T	ime: BUILD LOCATIO	ON						
C() T 1	TT 4 4 4 7	Description						
Start End	Hrs Activity D							
06:00	-	N 35% COMPLETE.						
06:00 06:00	-	=						
06:00 06:00	24.0 LOCATION	N 35% COMPLETE.	ion \$0		Daily Tota	ıl	\$0	
06:00 06:00 08-05-2010 R	24.0 LOCATION Reported By \$0	N 35% COMPLETE. TERRY CSERE			Daily Tota Well Total		\$0 \$75,000	
06:00 06:00 08-05-2010 R DailyCosts: Drilling	24.0 LOCATION Reported By \$0	N 35% COMPLETE. TERRY CSERE Completi Completi	ion \$0	0	· ·			0.0
06:00 06:00 08-05-2010 R DailyCosts: Drilling Cum Costs: Drilling MD 0	24.0 LOCATION Reported By \$0 \$75,000	TERRY CSERE Completi Completi Progress	ion \$0	0	Well Total	0.0	\$75,000 Visc	0.0
06:00 06:00 08-05-2010 R DailyCosts: Drilling Cum Costs: Drilling	24.0 LOCATION Reported By \$0 \$75,000 TVD 0 PBTD	TERRY CSERE Completi Completi Progress 0: 0.0	ion \$0 Days	0	Well Total	l	\$75,000 Visc	0.0
06:00 06:00 08-05-2010 R DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report T	24.0 LOCATION Reported By \$0 \$75,000 TVD 0 PBTD ime: BUILD LOCATION	Completi Completi Progress 0: 0.0	ion \$0 Days	0	Well Total	0.0	\$75,000 Visc	0.0
06:00 06:00 08-05-2010 R Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: 0	24.0 LOCATION Reported By \$0 \$75,000 TVD 0 PBTD ime: BUILD LOCATION Hrs Activity D	TERRY CSERE Completi Completi Progress 0: 0.0	ion \$0 Days	0	Well Total	0.0	\$75,000 Visc	0.0

DailyCost	ts: Drilling	\$0		Con	pletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$75,000)	Con	pletion	\$0		Well	Total	\$75,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	I	PBTD : (0.0		Perf:			PKR De _l	oth: 0.0	
Activity a	t Report Ti	ne: BUILD LC	CATION								
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	24.0 CLO	SED LOO	P 50% COMPLI	ETE.						
08-07-20	010 Re	ported By	T	ERRY CSERE/K	ENT DAV	ENPORT					
DailyCost	ts: Drilling	\$0		Con	pletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$75,000)	Con	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	I	PBTD : (0.0		Perf:			PKR De _l	oth: 0.0	
Activity a	ıt Report Tiı	ne: SPUD NO	ΓΙΓΙCΑΤΙ	ON							
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	SURI	FACE WI	JSTABOUT SPU TH READY MIX D BY EMAIL C	. CAROL	DANIELS W	UDOGM WA				
08-08-20)10 Re	ported By	Т	ERRY CSERE							
DailyCost	ts: Drilling	\$0		Con	pletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$75,000)	Con	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	I	PBTD:	0.0		Perf:			PKR De _l	oth: 0.0	
Activity a	ıt Report Tiı	ne: BUILD LC	CATION								
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	24.0 CLO	SED LOO	P 75% COMPLE	ETE.						
08-09-20	010 Re	ported By	Т	ERRY CSERE							
DailyCost	ts: Drilling	\$0		Con	pletion	\$0		Dail	y Total	\$0	
Cum Cos	ts: Drilling	\$75,000)	Con	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		PBTD : (- U		Perf :			PKR De		
		ne: BUILD LC							•		
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00		-	P 75% COMPLI	ETE.						
08-10-20)10 Re	ported By	Т	ERRY CSERE							
	ts: Drilling	\$0		Con	pletion	\$0		Daily	y Total	\$0	
=	ts: Drilling	\$75,000)		pletion	\$0		•	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
T	n:	I	PBTD : (- U		Perf:			PKR De _l	oth: 0.0	
Formatio											
	ıt Report Tiı	ne: BUILD LC	CATION								
	it Report Tii End		CATION								

08-11-2010	Re	eported By	Т	ERRY CSERE							
DailyCosts: Da	rilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: D	rilling	\$75,00	0	Com	pletion	\$0		Well '	Fotal	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR De _l	oth: 0.0	
Activity at Re	port Ti	me: BUILD LO	OCATION	ſ							
Start En	d	Hrs Acti	ivity Des	cription							
06:00	06:00	24.0 LOC	CATION C	OMPLETE.							
08-20-2010	Re	ported By	K	ERRY SALES							

08-20-2010	Re	ported By	k	CERRY SALES							
DailyCosts:	Drilling	\$218	3,885	Com	pletion	\$0		Daily	Total	\$218,885	
Cum Costs:	Drilling	\$293	3,885	Com	pletion	\$0		Well	Fotal	\$293,885	
MD	2,776	TVD	2,776	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD:	0.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU: CRAIG'S AIR RIG #2 ON 8/15/2010. DRILLED 12–1/4" HOLE TO 2760' GL (2776' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 2160'. PUMP DRILLED FROM 2160' TO TD WITH NO LOSSES. RAN 63 JTS (2745.79') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2761.79' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG'S RIG #2. NOTE: TOH TO COLLARS AT 2490', AT TD LAYED DOWN 8 JOINTS THEN WASHED BACK TO BOTTOM. PUMPED 25 BBL DRILLING MUD SWEEP. WASHED THE LAST 30' OF CASING IN HOLE.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3900 PSI. PUMPED 220 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT.

LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1.

TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/208 BBLS FRESH WATER. FCP 520 PSI, BUMPED PLUG W/1100 PSI @ 04:30 AM 08/20/10 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 HOURS, LOST RETURNES 176 BBL'S INTO DISPLACEMENT.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 150 SX (30.7 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. MONITOR CEMENT 1.5 HOURS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WE WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG#2 TOOK 6 SURVEYS WHILE DRILLING HOLE @ 1510' = 4 DEGREES, 1630' = 2 DEGREES, 1840' = 1.5 DEGREES, 1930' = 1 DEGREE, 2020' = 1.5 DEGREES, 2470' = 3 DEGREES AND 2760 = 2 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 08/19/10 @ 11:00 AM.

KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 08/19/10 AT 11:00 AM. STATE AND BLM WERE NOTIFIED ON 08/18/2010 @ 08:02 AM HOURS.

08-31-2010	Re	eported By	K.	ERRY SALES							
DailyCosts:	Drilling	\$93,1	51	Com	pletion	\$0		Daily	Total	\$93,151	
Cum Costs:	Drilling	\$387.	036	Com	pletion	\$0		Well	Total	\$387,036	
MD	2,776	TVD	2,776	Progress	0	Days	0	MW	0.0	Visc	0.0

Perf:

PKR Depth: 0.0

Activity at Report Time: PU BHA

Formation:

Start	End	Hrs	Activity Description
09:00	02:00	17.0	$\label{thm:main} \begin{tabular}{l} HSM W/WESTROC TRUCKING, MT WEST, RIG HANDS TO MOVE RIG 1.5 MILES FROM HOSS 74-34. MIRURT. \\ TRUCKS RELEASED @ 16:30, DERRICK RAISED @ 17:30. \\ \end{tabular}$
02:00	05:00	3.0	RIG ON DAYWORK @ 02:00, 8-31-2010.
			SAFETY MEETING. VISUALLY INSPECT ANNULAR. NIPPLE UP & TEST BOPE. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI ANNULAR PREVENTER. TEST THE CASING TO 1500 PSI FOR 30 MINUTES. FMC SET BOP LOCKED DOWN AND TESTED TO 5000 PSI.
			BLM NOTIFIED OF BOP TEST BY E–MAIL ON $8-30-2010$ @ $21:00$ HRS, CALLED UDOGM AND LEFT VOICE MESSAGE. NOTIFICATIONS ON $8/29/2010$. NO REPRESENTATIVE PRESENT.
05:00	06:00	1.0	HSM. R/U WEATHERFORD AND P/U BHA.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RIG MOVE, TEST BOP, P/U BHA.

FUEL - 2200, USED - 150.

PBTD: 0.0

 $TRANSFER\ 4\ JTS\ 4\ 1/2",\ 11.6\#,\ N-80,\ LT\&C\ CSG\ (168.46')\ FROM\ HOSS\ 74-34.$

TRANSFER 2350 GALS FUEL FROM HOSS 74-34.

09-01-2010	R	eported By	K	KERRY SALES							
DailyCosts: D	rilling	\$45.	693	Con	npletion	\$0		Daily	Total	\$45,693	
Cum Costs: D	rilling	\$433	2,730	Con	npletion	\$0		Well '	Fotal	\$432,730	
MD	4,727	TVD	4,727	Progress	1,951	Days	1	MW	9.1	Visc	36.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING AT 4727'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	CONTINUE TO PICK UP BHA AND DRILL PIPE TO 2681'. WEAR BUSHING INSTALLED.
08:30	09:30	1.0	PRE SPUD WALK AROUND
09:30	11:30		DRILL CEMENT AT 2705', FLOAT COLLAR 2716', DRILL SHOE AT 2762'. DRILL RAT HOLE PLUS 10' OF NEW FORMATION TO 2787'. START DRILLING NEW PRODUCTIO HOLE AT 11:05 AM.
11:30	12:00	0.5	PREFORM FIT TEST. MUD WT 9.1 PPG, PRESSURE 255 PSI, EMW 10.85 PPG.
12:00	14:00	2.0	DRILL FROM 2787' TO 3029'. 242'. ROP 121', WOB 14/18, ROTARY 48/54, MOTOR 75, SPP 1500, DIFF PSI 200/290.
14:00	14:30	0.5	SURVEY AT 2950', 2 DEGREES.
14:30	17:30	3.0	DRILL FROM 3029' TO 3472'. 443'. ROP 147.6, WOB 14/18, ROTARY 55, MOTOR 75, SPP 1690, DIFF PSI 250/320.
17:30	18:00	0.5	SERVICE RIG.
18:00	23:00		DRILL FROM 3472' TO 4069'. 597'. ROP 119.4'. WOB 14/18, ROTARY 45/50, MOTOR 75, SPP 1780, DIFF PSI 285/350.
23:00	23:30	0.5	SURVEY AT 3989'. 2.13 DEGREES.
23:30	06:00		DRILL FROM 4069' TO 4727'. 658'. ROP 101.2' WOB 16/18, ROTARY 45/50 MOTOR 74, SPP 1775/1800, DIFF PSI 210/340.
		1	MUD WT 9.3 VIS 35.

SAFETY MEETINGS: RIG UP AND FAST HOLE DRILLING.

FULL CREWS NO ACCIDENTS REPORTED.

CHECKED COM EACH TOUR.

DIESEL 5434, USED 1325.

DIESEL: 5434 GAL'S USED 1266.

09-02-20	10 Re	eported By	KE	ERRY SALES							
DailyCost	ts: Drilling	\$27,762		Cor	npletion	\$4,118		Dail	y Total	\$31,881	
Cum Cos	ts: Drilling	\$460,49	3	Cor	npletion	\$4,118		Well	Total	\$464,612	
MD	5,953	TVD	5,953	Progress	1,226	Days	2	MW	9.5	Visc	36.0
Formatio	n:	P	PBTD : 0.	0		Perf:			PKR De _l	pth: 0.0	
Activity a	t Report Ti	me: DRILLING	AT 5953'								
Start	End	Hrs Activ	ity Desc	ription							
06:00	11:00	5.0 DRIL 166/2		1727' TO 5011'	. 284'. ROI	2 56.8', WOB 1	3/16, ROTA	ARY 50, MO	TOR 75, SPP	1820/1950, DIF	FF PSI
11:00	11:30	0.5 SURV	'EY AT 49	78'. 2.33 DEG	REES.						
11:30	14:00	2.5 DRIL	L FROM 5	5011' TO 5199'	. 75.2'. WC	OB 10/14, ROTA	ARY 50, M	OTOR 75, SI	PP 1950/2050,	DIFF PSI 170/	260.
14:00	14:30	0.5 SERV	ICE RIG.								
14:30	06:00	15.5 DRIL	L FROM 5	5199' TO 5953'	. 754. ROP	48.6. WOB 14	/16, ROTAI	RY 50/55, M	OTOR 75, SPI	P 2000, DIFF P	SI 120/230.
		MUD	WT 9.8 V	IS 39.							
		SAFE	TY MEET	TINGS. HAND	PLACEMI	ENT AND PPE					
		BOP I	DRILL MO	ORNING TOU	R, MEN TO	STATION 90	SECONDS				
		FUNC	CTION BO	P RAMS.							
		CHEC	CK COM I	EACH TOUR.							
		FULL	CREWS	NO ACCIDEN	TS REPOR	TED.					

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	CEC			FORM 9
	DIVISION OF OIL, GAS, AND MI		i e		SE DESIGNATION AND SERIAL NUMBER: 54422
	RY NOTICES AND REPORTS		_	6. IF	INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			7.UNI	T or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					LL NAME and NUMBER: S 89-33
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7400110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		ONE NU			LD and POOL or WILDCAT: JRAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL				COUN	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 33	IP, RANGE, MERIDIAN: Township: 08.0S Range: 23.0E Meridian	ı: S		STATI	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	TURE OF NOTICE, REPOR	RT, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		LTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ cı	HANGE TUBING		CHANGE WELL NAME
_	☐ CHANGE WELL STATUS	☐ c	OMMINGLE PRODUCING FORMATION	ns [CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FI	RACTURE TREAT		NEW CONSTRUCTION
	☐ OPERATOR CHANGE	□ РІ	LUG AND ABANDON		PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RI	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ si	IDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR	□ vi	ENT OR FLARE		WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	S	I TA STATUS EXTENSION		APD EXTENSION
9/13/2010	☐ WILDCAT WELL DETERMINATION	□ o			HER:
	ed well chronology report for all activity up to 9/13/20	the r	referenced well show	ving Acce Utah Oil, Ga	pted by the Division of s and Mining ECORDONLY
Michelle Robles	307 276-4842		Regulatory Assistant		
N/A			DATE 10/5/2010		

WELL CHRONOLOGY REPORT

Report Generated On: 10-04-2010

Well Name	HOSS 089-33	Well Type	DEVO	Division	DENVER
Field	PONDEROSA	API#	43-047-40011	Well Class	COMP
County, State	UINTAH, UT	Spud Date	08-31-2010	Class Date	
Tax Credit	N	TVD / MD	9,600/9,600	Property #	062516
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	9,550/ 9,594
KB / GL Elev	5,032/5,016				
Location	SECTION 33, T8S, R23E, NV	VSE, 1872 FSL & 217	0 FEL		

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	100	0.0		NRI %	-	77.0	
AFE No		306091		AFE Total		1,570,100		DHC / C	WC	625,8	00/ 944,300
Rig Contr	TRU	E	Rig Name	TRUE #3	31	Start Date	05-	-05-2008	Release I	Date	
Rig Contr			Rig Name	TRUE #3	31	Start Date	08-	-30-2010	Release I	Date	09-08-2010
Rig Contr	TRU	Е	Rig Name	TRUE #3	31	Start Date	09-	-15-2010	Release I	Date	09-08-2010
05-05-2008	Re	eported By	CY	YNTHIA HANSE	LMAN						
DailyCosts: Da	rilling	\$0		Comp	letion	\$0		Daily	Total	\$0	
Cum Costs: D	rilling	\$0		Comp	letion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	.0		Perf:			PKR De _l	pth: 0.0)

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA

1872' FSL & 2170' FEL (NW/SE)

SECTION 33, T8S, R23E UINTAH COUNTY, UTAH

LAT 40.077150, LONG 109.329725 (NAD 27) LAT 40.077114, LONG 109.330406 (NAD 83)

Description

TRUE #31

OBJECTIVE: 9600' TD, MESAVERDE

DW/GAS

PONDEROSA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-64422

ELEVATION: 5019.1' NAT GL, 5016.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5016'), 5032' KB

(16')

EOG WI 100%, NRI 67%

	EOG WI 100%							
07–30–2010 Re	eported By N	ATALIE BRAYTON						
DailyCosts: Drilling	\$75,000	Completion	\$0		Daily To	otal	\$75,000	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0	0.0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tir	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 STARTED LO	CATION TODAY, 7/30/201	0.					
08-02-2010 Re	eported By Ti	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0	0.0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tin	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 LOCATION 15	5% COMPLETE.						
08-03-2010 Re	eported By Ti	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0).0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tir	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 LOCATION 25	5% COMPLETE.						
08-04-2010 Re		ERRY CSERE						
	eported By T	ERRI COLKE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
	·F		\$0 \$0		Daily To Well To		\$0 \$75,000	
DailyCosts: Drilling	\$0	Completion	\$0	0				0.0
DailyCosts: Drilling Cum Costs: Drilling	\$0 \$75,000	Completion Completion Progress 0	\$0	0	Well To	tal	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation :	\$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Times	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION	Completion Completion Progress 0 0.0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc	Completion Completion Progress 0 0.0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc	Completion Completion Progress 0 0.0 cription % COMPLETE.	\$0 Days	0	Well To	0.0 PKR Dep	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 08-05-2010 Re	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE	\$0 Days Perf:	0	Well To MW	tal 0.0 PKR Dep	\$75,000 Visc oth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 eported By Ti	Completion Completion Progress 0 0.0 cription % COMPLETE. ERRY CSERE Completion	\$0 Days Perf:	0	Well To MW Daily To	tal 0.0 PKR Dep	\$75,000 Visc oth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling Cum Costs: Drilling	\$0 \$75,000 TVD 0 PBTD : 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 Ported By TI	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE Completion Completion Progress 0	\$0 Days Perf: \$0 \$0 \$0 \$0		Well To MW Daily To Well To	0.0 PKR Deportal otal	\$75,000 Visc oth: 0.0 \$0 \$75,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 Pported By \$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE Completion Completion Progress 0 0.0	\$0 Days Perf: \$0 \$0 \$0 Days		Well To MW Daily To Well To	0.0 PKR Deportal tal	\$75,000 Visc oth: 0.0 \$0 \$75,000 Visc	

06:00 06:00	24.0 STARTIN	G CLOSED LOOP.							
08-06-2010 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	otal	\$75,000	
MD 0	TVD	0 Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf :			PKR Dej	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 CLOSED	LOOP 50% COMPLE	ГЕ.						
08-07-2010 R	eported By	TERRY CSERE/KI	ENT DAVEN	PORT					
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	Total	\$75,000	
MD 60	TVD	Frogress Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf:			PKR Dej	pth: 0.0	
Activity at Report Ti	me: SPUD NOTIFIC	CATION							
Start End	Hrs Activity	Description							
06:00 06:00	SURFACI	ROUSTABOUT SPUI E WITH READY MIX ITIFIED BY EMAIL OI	CAROL DA	NIELS W/	UDOGM WA				
08-08-2010 Re	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	Total	\$75,000	
MD 60	TVD	60 Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf :			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 CLOSED	LOOP 75% COMPLE	ГЕ.						
08-09-2010 Re	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000		pletion	\$0		Well T		\$75,000	
MD 60	TVD	60 Progress	0 [Days	0	MW	0.0	Visc	0.0
Formation :		D : 0.0		Perf :			PKR De		
Activity at Report Ti							-,	-	
Start End		Description							
06:00 06:00	·	LOOP 75% COMPLE	ГЕ.						
08-10-2010 R	eported By	TERRY CSERE							
	\$0	Com	pletion	\$0		Daily	Total	\$0	
DailyCosts: Drilling		2022	=			•			
_	\$75,000	Com	pletion	\$0		Well T	Total 💮 💮	\$75,000	
DailyCosts: Drilling Cum Costs: Drilling MD 60			pletion 0 Γ		0				0.0
_	TVD	Com 60 Progress D: 0.0	0 1	\$0 Days Perf :	0	MW	0.0 PKR De	Visc	0.0

Start End	Hrs Activity	y Description						
06:00 06:00	24.0 CLOSEI	D LOOP 75% COMPLETE.						
08-11-2010	Reported By	TERRY CSERE						
DailyCosts: Drillin	ıg \$0	Completion	\$0		Daily 7	Fotal	\$0	
Cum Costs: Drillin	ng \$75,000	Completion	\$0		Well T	otal	\$75,000	
MD 60	TVD	60 Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PB'	TD : 0.0	Perf:			PKR De _l	pth: 0.0	
Activity at Report	Time: BUILD LOCA	ATION						
Start End	Hrs Activity	y Description						
06:00 06:00	24.0 LOCATI	ION COMPLETE.						
08-20-2010	Reported By	KERRY SALES						
DailyCosts: Drillin	19 \$222,917	Completion	\$0		Daily T	Fotal	\$222,917	
Cum Costs: Drillin	ng \$297,917	Completion	\$0		Well T	otal	\$297,917	
MD 2,776	5 TVD 2	2 ,776 Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	DR'	TD : 0.0	Perf:			PKR Der	nth • 0.0	
rormanon.	1 D	10.0.0	1 011 0			I IIII Dej	Ptii • 0.0	

Activity Description Start End Hrs

06:00 06:00 24.0 MIRU: CRAIG'S AIR RIG #2 ON 8/15/2010. DRILLED 12-1/4" HOLE TO 2760' GL (2776' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 2160'. PUMP DRILLED FROM 2160' TO TD WITH NO LOSSES. RAN 63 JTS (2745.79') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2761.79' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG'S RIG #2. NOTE: TOH TO COLLARS AT 2490', AT TD LAYED DOWN 8 JOINTS THEN WASHED BACK TO BOTTOM. PUMPED 25 BBL DRILLING MUD SWEEP. WASHED THE LAST 30' OF CASING IN HOLE.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3900 PSI. PUMPED 220 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/208 BBLS FRESH WATER. FCP 520 PSI, BUMPED PLUG W/1100 PSI @ 04:30 AM 08/20/10 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 HOURS. LOST RETURNES 176 BBL'S INTO DISPLACEMENT.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 150 SX (30.7 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. MONITOR CEMENT 1.5 HOURS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WE WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG#2 TOOK 6 SURVEYS WHILE DRILLING HOLE @ 1510' = 4 DEGREES, 1630' = 2 DEGREES, 1840' = 1.5 DEGREES, 1930' = 1 DEGREE, 2020' = 1.5 DEGREES, 2470' = 3 DEGREES AND 2760 = 2 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 08/19/10 @ 11:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 08/19/10 AT 11:00 AM. STATE AND BLM WERE NOTIFIED ON 08/18/2010 @ 08:02 AM HOURS.

08-31-2010 KERRY SALES Reported By

DailyCosts: Drilling \$93,151 **Daily Total** \$93,151 Completion

Cum Costs: Drilling		\$391,068		Completion \$0		\$0	Well Total			\$391,068	
MD	2,776	TVD	2,776	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	.0		Perf:			PKR Dep	th : 0.0	

Activity at Report Time: PU BHA

Activity a	it Report T	ime: PU I	ВНА
Start	End	Hrs	Activity Description
09:00	02:00	17.0	$\label{thm:main} \mbox{HSM W/WESTROC TRUCKING, MT WEST, RIG HANDS TO MOVE RIG 1.5 MILES FROM HOSS 74-34. MIRURT. \\ \mbox{TRUCKS RELEASED @ 16:30, DERRICK RAISED @ 17:30.}$
02:00	05:00	3.0	RIG ON DAYWORK @ 02:00, 8–31–2010.
			SAFETY MEETING. VISUALLY INSPECT ANNULAR. NIPPLE UP & TEST BOPE. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI ANNULAR PREVENTER. TEST THE CASING TO 1500 PSI FOR 30 MINUTES. FMC SET BOP LOCKED DOWN AND TESTED TO 5000 PSI.
			BLM NOTIFIED OF BOP TEST BY E–MAIL ON $8-30-2010$ @ $21:00$ HRS, CALLED UDOGM AND LEFT VOICE MESSAGE. NOTIFICATIONS ON $8/29/2010$. NO REPRESENTATIVE PRESENT.
05:00	06:00	1.0	HSM. R/U WEATHERFORD AND P/U BHA.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RIG MOVE, TEST BOP, P/U BHA.

FUEL - 2200, USED - 150.

 $TRANSFER\ 4\ JTS\ 4\ 1/2",\ 11.6\#,\ N-80,\ LT\&C\ CSG\ (168.46')\ FROM\ HOSS\ 74-34.$

TRANSFER 2350 GALS FUEL FROM HOSS 74–34.

09-01-2010	R	eported By	K	ERRY SALES								
DailyCosts: Drilling \$45,693			3	Completion \$0				Daily Total			\$45,693	
Cum Costs: Drilling		\$436,762		Completion		\$0		Well Total				
MD	4,727	TVD	4,727	Progress	1,951	Days	1	MW	9.1	Visc	36.0	
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0		

Activity at Report Time: DRILLING AT 4727'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	CONTINUE TO PICK UP BHA AND DRILL PIPE TO 2681'. WEAR BUSHING INSTALLED.
08:30	09:30	1.0	PRE SPUD WALK AROUND.
09:30	11:30	2.0	DRILL CEMENT AT 2705', FLOAT COLLAR 2716', DRILL SHOE AT 2762'. DRILL RAT HOLE PLUS 10' OF NEW FORMATION TO 2787'. START DRILLING NEW PRODUCTIO HOLE AT 11:05 AM.
11:30	12:00	0.5	PREFORM FIT TEST. MUD WT 9.1 PPG, PRESSURE 255 PSI, EMW 10.85 PPG.
12:00	14:00	2.0	$DRILL\ FROM\ 2787'\ TO\ 3029'.\ 242'.\ ROP\ 121',\ WOB\ 14/18,\ ROTARY\ 48/54,\ MOTOR\ 75,\ SPP\ 1500,\ DIFF\ PSI\ 200/290.$
14:00	14:30	0.5	SURVEY AT 2950', 2 DEGREES.
14:30	17:30	3.0	DRILL FROM 3029' TO 3472'. 443'. ROP 147.6, WOB 14/18, ROTARY 55, MOTOR 75, SPP 1690, DIFF PSI 250/320.
17:30	18:00	0.5	SERVICE RIG.
18:00	23:00	5.0	DRILL FROM 3472' TO 4069'. 597'. ROP 119.4'. WOB 14/18, ROTARY 45/50, MOTOR 75, SPP 1780, DIFF PSI 285/350.
23:00	23:30	0.5	SURVEY AT 3989'. 2.13 DEGREES.
23:30	06:00	6.5	DRILL FROM 4069' TO 4727'. 658'. ROP 101.2' WOB 16/18, ROTARY 45/50 MOTOR 74, SPP 1775/1800, DIFF PSI 210/340.
			MUD WT 9.3 VIS 35.
			SAFETY MEETINGS: RIG UP AND FAST HOLE DRILLING.

FULL CREWS NO ACCIDENTS REPORTED.

CHECKED COM EACH TOUR. DIESEL: 5434 GAL'S USED 1266.

09-02-2010	Re	eported By	K	ERRY SALES							
DailyCosts: Drilling \$27,762				Con	pletion	\$4,118	Daily Total			\$31,881	
Cum Costs: Drilling		\$464,525		Completion		\$4,118	Well Total			\$468,644	
MD	5,953	TVD	5,953	Progress	1,226	Days	2	MW	9.5	Visc	36.0
Formation: PBTD			BTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING AT 5953'

Start	End	Hrs	Activity Description
06:00	11:00	5.0	DRILL FROM 4727' TO 5011'. 284'. ROP 56.8', WOB 13/16, ROTARY 50, MOTOR 75, SPP 1820/1950, DIFF PSI 166/256.
11:00	11:30	0.5	SURVEY AT 4978'. 2.33 DEGREES.
11:30	14:00	2.5	DRILL FROM 5011' TO 5199'. 75.2'. WOB 10/14, ROTARY 50, MOTOR 75, SPP 1950/2050, DIFF PSI 170/260.
14:00	14:30	0.5	SERVICE RIG.
14:30	06:00	15.5	DRILL FROM 5199' TO 5953'. 754. ROP 48.6. WOB 14/16, ROTARY 50/55, MOTOR 75, SPP 2000, DIFF PSI 120/230.
			MUD WT 9.8 VIS 39.

SAFETY MEETINGS. HAND PLACEMENT AND PPE.

BOP DRILL MORNING TOUR, MEN TO STATION 90 SECONDS.

FUNCTION BOP RAMS.

CHECK COM EACH TOUR.

FULL CREWS NO ACCIDENTS REPORTED.

DIESEL 5434, USED 1325.

09-03-2010	Re	eported By	K	KERRY SALES							
DailyCosts: Drilling \$27,189			189	Completion \$1,575			Daily Total			\$28,764	
Cum Costs: Drilling		\$491,714		Completion		\$5,694		Well T	Fotal	\$497,408	
MD	6,745	TVD	6,745	Progress	792	Days	3	MW	9.9	Visc	39.0
Formation: PBTI			PBTD : 0	.0		Perf:			PKR De	oth: 0.0	

Activity at Report Time: DRILLING AT 6745'.

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL FROM 5953' TO 6205'. 252'. ROP 38.8'. WOB 14/17, ROTARY 47/52, MOTOR 75, SPP 1825/1870, DIFF PSI 92/233.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	$DRILL\ FROM\ 6205'\ TO\ 6745'.\ 540'\ ROP\ 31.8',\ WOB\ 17/20,\ ROTARY\ 45/50,\ MOTOR\ 75,\ SPP\ 2280,\ DIFF\ PSI\ 100/160.$
			MUD WT 10.4, VIS 41.
			SAFETY MEETING: HAND PLACEMENT, HOUSE KEEPING.

SAFETT MEETING: HAND PLACEMENT, HOUSE REEPING

CHECKED COM AND FUNCTION TEST BOP RAMS.

FULL CREWS, NO ACCIDENTS REPORTED

FUEL 2701, USED 1408 GAL'S.

09-04-2010 Reported By KERRY SALES

Formation: PBTD:			PBTD : 0.	.0		Perf:			PKR Dep	oth: 0.0	
MD	7,115	TVD	7,115	Progress	396	Days	4	MW	10.4	Visc	40.0
Cum Costs: Drilling		\$542,177		Completion		\$6,585		Well	Total	\$548,762	
DailyCosts: Drilling		\$50,462		Completion		\$891		Daily	Total	\$51,353	

Activity at Report Time: DRILLING @ 7115'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	DRILL FORM 6745' TO 6771'. 26'. ROP 20.8, WOB 18/20, ROTARY 44/47, MOTOR 75, PSI 2220/2280, DIFF PSI 95/214.
06:30	07:30	1.0	PUMP 70 BBL 80 VIS SWEEP. 10% INCREASE IN CUTTINGS THROUGH OUT SWEEP. FLOW CHECK STATIC, PUMP SLUG AND SET COM ON FIRST STAND. DROP TOTCO SURVEY TOOL.
07:30	11:00	3.5	SET BACK KELLY. TOH 61 STANDS AND 1 SINGLE PIPE COUNT CORRECT. TIGHT HOLE FROM 4809' TO 4856' AND 4566' TO 4458'. PULL ROTATING HEAD RUBBER.
11:00	13:00	2.0	SET BACK BHA. LAY DOWN 2 THREE POINT ROLLER REAMERS, BIT AND MOTOR. PICK UP NEW MOTOR (. 16) AND BIT. RETRIVE SURVEY TOOL, $1.45*$ AT 6636 '.
13:00	18:00	5.0	TIH. FILL PIPE @ 3597' AND INSTALL ROTATING HEAD RUBBER. WORK TIGHT HOLE 4680' TO 4771', 4834' TO 4836', 4920' TO 4929
18:00	20:30	2.5	WASH AND REAM FRON6265' TO 6283' AND 6680' TO 6771. TIGHT HOLE LITE PACK OFFS, JAR FREE TWO TIME. EXCESSIVE CUTTINGS AND SPALLING OVER SHAKERS.
20:30	21:00	0.5	DRILL FROM 6771' TO 6786.15' BREAK IN NEW BIT.
21:00	21:30	0.5	SERVICE RIG AND WORK PIPE RAMS.
21:30	06:00	8.5	DRILL FROM 6786' TO 7115'. 370'. ROP 43.5, WOB 16/18, ROTARY 50, MOTOR 74, SPP 2175, DIFF PSI 122/230.

MUD WT 10.6+, VIS 40.

SAFETY MEETINGS: TRIPPING AND FORK LIFT.

CHECKED COM EACH CREW.

FUNCTION TESTED PIPE AND BLIND RAMS.

NIGHT CREW 1 MAN SHORT, NO ACCIDENTS REPORTED.

DIESEL 6177, USED 1024. RECEUVED 4500 GAL'S.

09-05-2010	Re	ported By	K	ERRY SALES							
DailyCosts: Drilling \$25,437			37	Completion \$891				Daily	Total	\$26,328	
Cum Costs: Drilling		\$567,614		Completion		\$7,476		Well	\$575,090		
MD 8	,013	TVD	8,013	Progress	898	Days	5	MW	10.7	Visc	41.0
Formation: PBT			PBTD : (0.0		Perf :			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING @ 8013'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	$ DRILL\ FROM\ 7115'\ TO\ 7415'.\ 300'.\ ROP\ 42.85',\ WOB\ 12/15,\ ROTARY\ 45/48,\ MOTOR\ 75,\ SPP\ 2200/2350,\ DIFF\ PSI\ 60/140. $
13:00	13:30	0.5	SERVICE RIG AND FUNCTION TEST PIPE RAMS, HCR VALVE AND ANNULAR.
13:30	16:00	2.5	DRILL FROM 7415' TO 7477'. 62', ROP 25. DRILLING PARAMETERS THE SAME.
16:00	16:30	0.5	CHECK FOR PRESSURE LOSS. FOUND 2" BLEED OFF LINE ON PUMP WASHED OUT.
16:30	06:00	13.5	DRILL FROM 7477' TO 8013'. 536'. ROP 39.7, WOB 12/16, ROTARY 50/55, MOTOR 70, PSI 2190/2275, DIFF PSI 108/190.
			MUD WT 10.8 VIS 43.
			SAFETY MEETINGS: CONNECTIONS AND PINCH POINTS.
			NO ACCIDENTS REPORTED, NIGHT CREW 1 HAND SHORT.

CHECKED COM, FUNCTION PIPE RAMS, ANNULAR, HCR VALVE. DIESEL 4694, USED 1483.

09-06-2010	Re	eported By	K	ERRY SALES							
DailyCosts: I	Prilling	\$26,52	20	Com	pletion	\$891		Daily	Total	\$27,411	
Cum Costs: Drilling \$594,135		135	Completion \$8,367				Well Total				
MD	8,870	TVD	8,870	Progress	857	Days	6	MW	10.9	Visc	41.0
Formation:			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 8870'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL FROM 8013' TO 8328'. 315'. ROP 45', WOB 14/16, ROTARY 50/55, MOTOR 70, PSI 2230/2350, DIFF PSI 160/340.
13:00	13:30	0.5	RIG SERVICE. FUNCTION TEST PIPE RAMS.
13:30	06:00	16.5	DRILL FROM 8328' TO 8870'. 5425. ROP 32.8' WOB 14/18, ROTARY 50, MOTOR 67, SPP 2195, DIFF PSI 55/247.
			MUD WT 11 PPG VIS 43

SAFETY MEETINGS: FALL PROTECTION AND FORK LIFT.
NIGHT CREW 1 HAND SHORT, NO ACCIDENTS REPORTED.
CHECK COM AND FUNCTION PIPE RAMS.
DIESEL 3000, USED 1694 GALS.

09-07-2010	Re	eported By	K	ERRY SALES							
DailyCosts:	Drilling	\$36,	579	Con	npletion	\$0		Dail	y Total	\$36,579	
Cum Costs:	Drilling	\$630),714	Con	npletion	\$8,367		Well	l Total	\$639,082	
MD	9,238	TVD	9,238	Progress	368	Days	7	MW	11.1	Visc	41.0
Formation:			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 9238'

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Start	End	Hrs Activity Description
06:00	10:00	4.0 DRILL FROM 8870' TO 8984'. 114'. ROP 28.5', WOB 13/21 ROTARY 44/52, MOTOR 67, PSI 2321/2370, DIFF PSI 14/310.
10:00	10:30	0.5 SERVICE RIG. FUNCTION TEST PIPE RAMS, ANNULAR AND HCR VALVE.
10:30	14:00	3.5 DRILL FROM 8984' TO 9110'. 126'. ROP 36' WOB 15/21, ROTARY 50, MOTOR 67, SPP 2300, DIFF PSI 110/190. PUMP 70 BBL VIS 80+ SWEEP WHILE DRILLING LAST KELLY DOWN. 5/15% INCREASE IN CUTTINGS WITH SWEEP TO SURFACE.
14:00	14:30	0.5 FLOW CHECK, WELL STATIC. SET BACK KELLY AND DROP TOTCO. SET COM.
14:30	18:00	3.5 TOH AT 9110', 86X STANDS, PIPE COUNT CORRECT. TIGHT SPOTS AT 5110/5108, 35/40 OVER PULL AND 4781'/4779', 35K OVER PULL. PULL ROTATING HEAD RUBBER.
18:00	20:00	2.0 SET BACK BHA. LAY DOWN BIT #2 AND MUD MOTOR, PICK UP NEW MOTOR AND BIT #3. TIH BHA.
20:00	23:00	3.0 TIH FROM 984' TO 9003'. INSTALL ROTATING HEAD RUBBER. NO BRIDGES OR TIGHT HOLE.
23:00	00:30	1.5 FILL PIPE. WASH TO BOTTOM FROM 9003' TO 9110'. 107'. CIRCULATING AND DRILLING THROUGH GAS BUSTER. FLAIR 5' FOR 3 MINUTES DIED OUT.
00:30	06:00	5.5 DRILL FROM 9110' TO 9238'. 128'. ROP 23.3', WOB 16/18, ROTARY 50/60, MOTOR 65, SPP 2220/2330, DIFF PSI 102/216.
		MUD 11.3, VIS 42.
		SAFETY MEETINGS: TRIPPING, FORK LIFT.
		NIGHT CREW 1 HAND SHORT, NO ACCIDENTS REPORTED.

CHECKED COM. FUNCTION TEST BLIND AND PIPE RAMS. DIESEL 4550, USED 1250 GALS. RECEIVED 2800 GALS @ \$ 2.8289.

Daily Costs: Drilling\$40,726Completion\$0Daily Total\$40,726Cum Costs: Drilling\$671,441Completion\$8,367Well Total\$679,808	09-08-20)10 Re	ported By	v KI	ERRY SALES							
March Mar	DailyCos		• •	·	Com	npletion	\$0		Daily	v Total	\$40,726	
MD	-	_	\$67	71,441		•	\$8,367		•		\$679,808	
Port Port Port Port Port	MD	9,600	TVD	9,600	Progress	362	Davs	8	MW	11.3	Visc	40.0
Start Sta	Formatio	n:		PBTD : 0.	Ü		-			PKR De	pth: 0.0	
14:00	Activity a	ıt Report Ti	me: LD BI	ΗA						•		
14:00	Start	End	Hrs A	Activity Desc	ription							
14:30 19:00 4.5 DRILL FROM 9459' TO 9600'. 141'. ROP 31.3', WOB 17/21 ROTARY 50/53, MOTOR 66, SPP 2180/2355, DIFF 119/196, REACHED TD AT 19:00 HRS, 9/07/2010. 19:00 21:00 20 CIRCULATE 15 MINUTES, PUMP 70 BBL 80+VIS SWEEP TO SURFACE. CUTTINGS INCREASE 5% +−. CHE FLOW WELL STATIC. 21:00 21:30 0.5 SHORT TRIP 10 STANDS. NO OVER PULL OR TIGHT SPOT. 21:30 23:00 1.5 PUMP 70 BBL 80 VIS SWEEP BOTTOMS UP 2' TO 4' FLARE FOR 5 MINUTES. CUTTINGS INCREASE 1% CHECK FOR FLOW WELL STATIC. 23:00 04:00 5.0 PUMP DRY PIPE SLUG AND LAY DOWN DRILL PIPE AT 23:20 HRS ON 9/07/2010. 04:00 04:30 0.5 BREAK DOWN KELLY AND PULL ROTATING HEAD RUBBER. WELL SEEPING 7 BBL/HR. 04:30 06:00 1.5 LAY DOWN BHA. MUD WT 11.5, VIS 41. SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED. NIGHT CREW SHORT 1 HAND. CHECKED COM AND FUNCTION TEST PIPE RAMS. DIESEL 3310, USED 1240. 09-09-2010 Reported By KERRY SALES/ PAT CLARK DailyCosts: Drilling \$20.428 Completion \$150.159 Daily Total \$170.587 Cum Costs: Drilling \$691.869 Completion \$150.159 Daily Total \$850.395 MD 9.600 TVD 9.600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 05: SAFETY MEETING, RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS M/M @ 7373.58', 65 JTS CSG, M/M @ 4622.71', 109 JTS CSG (226 TICAL). PV UT # 227, TAG BOTTOM @ 9000 JT # 227, PUM CH, LI. INSTALL ROTATING RUBBER, LAND MCHOR CEMENT, RAN TURBULIZERS OF THE PARCE PARC	06:00	14:00			9238' TO 9459'.	221'. ROI	P 27.6, WOB 14	/18, ROTA	RY 47/52, M	IOTOR 66, SP	PP 2209/2262, D	IFF PSI
19:00	14:00	14:30	0.5 \$	SERVICE RIG.	FUNCTION TE	EST PIPE I	RAMS.					
FLOW WELL STATIC.	14:30	19:00						7/21 ROTA	ARY 50/53, M	IOTOR 66, SF	PP 2180/2355, E	OIFF PSI
21:30	19:00	21:00				JMP 70 B	BL 80+VIS SW	EEP TO S	URFACE. CU	JTTINGS INC	CREASE 5%+-	CHECK
CHECK FOR FLOW WELL STATIC.	21:00	21:30	0.5 \$	SHORT TRIP 1	0 STANDS. NO	OVER PU	ILL OR TIGHT	SPOT.				
04:00 04:30 06:00 1.5 BREAK DOWN KELLY AND PULL ROTATING HEAD RUBBER. WELL SEEPING 7 BBL/HR. 04:30 06:00 1.5 LAY DOWN BHA. MUD WT 11.5, VIS 41. SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED. NIGHT CREW SHORT 1 HAND. CHECKED COM AND FUNCTION TEST PIPE RAMS. DIESEL 3310, USED 1240. 09-09-2010 Reported By KERRY SALES/ PAT CLARK DailyCosts: Drilling \$20,428 Completion \$150,159 Daily Total \$170,587 Cum Costs: Drilling \$691,869 Completion \$158,526 Well Total \$850,395 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 05:5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77", 11 TCSG, FLOAT COLLAR @ 9550.24", 51 JTS MJ @ 7373.58", 65 JTS CSG, MJ @ 4622.71", 109 JTS CSG (226 TOTAL). PULT # 227, TAG BOTTOM @ 9600 JT # 227. PyU MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	21:30	23:00					IS UP 2' TO 4' I	FLARE FO	OR 5 MINUT	ES. CUTTING	GS INCREASE	1% TO 2%.
04:30	23:00	04:00	5.0 I	PUMP DRY PII	PE SLUG AND	LAY DOW	'N DRILL PIPE	AT 23:20	HRS ON 9/0	07/2010.		
MUD WT 11.5, VIS 41.	04:00	04:30	0.5 I	BREAK DOWN	KELLY AND	PULL RO	TATING HEAD	RUBBER	. WELL SEE	PING 7 BBL/	HR.	
SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED.	04:30	06:00	1.5 I	LAY DOWN BI	HA.							
09-09-2010 Reported By KERRY SALES/ PAT CLARK Daily Costs: Drilling \$20,428 Completion \$150,159 Daily Total \$170,587 Cum Costs: Drilling \$691,869 Completion \$158,526 Well Total \$850,395 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:30 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBUL			1 1 (NO ACCIDENT NIGHT CREW CHECKED CO	TS REPORTED. SHORT 1 HAN M AND FUNCT	D.		, , , , ,				
Daily Costs: Drilling \$20,428 Completion \$150,159 Daily Total \$170,587 Cum Costs: Drilling \$691,869 Completion \$158,526 Well Total \$850,395 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N−80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600. JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF THE PROPERTY OF THE				*								
Cum Costs: Drilling \$691,869 Completion \$158,526 Well Total \$850,395 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TWO ASSEMBLY OF TWO	09-09-20)10 Re	eported By	y KI	ERRY SALES/ F	PAT CLAR	K					
MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF TWO AND MCH FOR CEMENT.	DailyCos	ts: Drilling	\$20	0,428	Com	pletion	\$150,159		Daily	y Total	\$170,587	
Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	Cum Cos	ts: Drilling	\$69	91,869	Com	pletion	\$158,526		Well	Total	\$850,395	
Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	MD	9,600	TVD	9,600	Progress	0	Days	9	MW	0.0	Visc	0.0
Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF							Perf:			PKR De _l	pth: 0.0	
06:00 06:30 0.5 PULL WEAR BUSHING. 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	Activity a	it Report Ti	me: RDRT	/WO COMPLE	TION							
06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N–80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMB FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	Start		Hrs A	Activity Desc	ription							
FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600 JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS OF	06:00	06:30	0.5 F	PULL WEAR B	SUSHING.							
	06:30	12:00	F N J	FLOAT COLLA MJ @ 7373.58', IT # 227. P/U M	AR. HALLIBUR , 65 JTS CSG, M ICH, LJ. INSTA	TON FLO IJ @ 4622 LL ROTA	AT SHOE @ 95 71', 109 JTS C ING RUBBER	94.77', 1 J SG (226 T , LAND M	T CSG, FLO OTAL). P/U ICH FOR CE	AT COLLAR JT # 227, TAC EMENT. RAN	@ 9550.24', 51 G BOTTOM @ TURBULIZER	JTS CSG, 9600'. L/D
12:00 13:00 1.0 CIRCULATE AND CONDITION FOR CEMENT.	12:00	13:00	1.0 (CIRCULATE A	ND CONDITIO	N FOR CI	EMENT.					

13:00	15:30	2.5 SAFETY MEETING. R/U HALLIBURTON. PRESSURE TEST LINES TO 5000 PSI, CEMENT WELL AS FOLLOWS: PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 525 SX (172 BBLS, 966 CU/FT) LEAD HIGHBOND 75 CEMENT @ 12 PPG, 1.84 YLD, 9.86 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1315 SX (344 BBLS, 1933
		CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG CATCH TANK, HAND DROP PLUG AND DISPLACE W/148 BBLS FRESH WATER. FULL MUD
		RETURNS THROUGHOUT JOB. FINAL CIRCULATING PRESSURE 2850 PSI. BUMPED PLUG TO 4079 PSI. BLED BACK 2 BBLS, FLOATS HELD. PRESSURE BACK UP TO 2700 PSI. R/D HALLIBURTON. PLUG DOWN @ 15:30 ON 9/08/2010. NO CEMENT TO SURFACE.
		BLM NOTIFIED BY E–MAIL 9/05/10 @ 08:00, NO REPRESENTATIVE PRESENT.
15:30	16:30	1.0 WAIT ON CEMENT.
16:30	17:30	1.0 SET DTO PACKOFF AND TEST TO 5000 PSI.
17:30	19:30	2.0 CLEAN MUD TANKS, NDBOP. RIG RELEASED @ 19:30.
19:30	06:00	10.5 RDRT. PREPARE TO MOVE 6.1 MILES TO HOSS 53–29 @ 06:30.
		FULL CREWS, NO ACCIDENTS.
		SAFETY MEETINGS – LDDP, RUN CSG, CEMENTING, RIG DOWN.
		FUEL – 2840, USED – 470.
		TRANSFER 6 JTS 4 1/2", 11.6#, N–80, LTC CSG (42.45', 42.45', 42.12', 42.76', 41.98', 42.12' – 253.88' TOTAL THREADS OFF) TO HOSS 53–29.

09-13-2010 R	eported By	SEARLE							
DailyCosts: Drilling	\$0	C	ompletion	\$29,300		Daily 7	Fotal	\$29,300	
Cum Costs: Drilling	\$691,869	C	ompletion	\$187,826		Well T	otal	\$879,695	
MD 9,600	TVD 9,0	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation:	PBT	D : 9550.0		Perf:			PKR Dep	pth: 0.0	
Activity at Report Ti	me: PREP FOR FRA	ACS							

TRANSFER 2 MJ (11.07', 11.11' – 22.18' TOTAL THREADS OFF) TO HOSS 53–29.

TRANSFER 2840 GALS DIESEL FUEL @ \$2.8289/GAL.

Start End Hrs Activity Description

06:00 MIRU SCHLUMBERGER. LOC

MIRU SCHLUMBERGER. LOG WITH R970'. EST CEMENT TO @ ST/CBL/CCL/VDL/GR FROM 9526' TO 970'. $\frac{1}{2} \left(\frac{1}{2} \right) \left$

EST CEMENT TOP @ 2290'. RDWL.

	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND ME		3	5.LEASE UTU64	E DESIGNATION AND SERIAL NUMBER: 422
	RY NOTICES AND REPORTS			6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.			7.UNIT	or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well				8. WELL HOSS	. NAME and NUMBER: 89-33
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 400110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: :xt		D and POOL or WILDCAT: AL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FSL 2170 FEL				COUNTY	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 33	(P, RANGE, MERIDIAN: Township: 08.0S Range: 23.0E Meridian	: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT,	OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
	☐ OPERATOR CHANGE	_ ∐ •	PLUG AND ABANDON		PLUG BACK
SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Sacc or Space.	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL
Report Date: 10/26/2010	WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION
10/20/2010	☐ WILDCAT WELL DETERMINATION		OTHER	ОТНЕ	ER:
The referenced well attached operations	MPLETED OPERATIONS. Clearly show all power was turned to sales on Octobes summary report for drilling performed on the subject	er 26 and well	6, 2010. Please see the completion operations to the completion operations of the completion operation operations of the completion operation operations operations of the completion operation operations of the completion operation operations operation operations operat	ccep Jtah I , Gas	
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBE 307 276-4842	ĸ	TITLE Regulatory Assistant		
SIGNATURE N/A			DATE 10/27/2010		

WELL CHRONOLOGY REPORT

Report Generated On: 10-27-2010

Well Name	HOSS 089-33	Well Type	DEVO	Division	DENVER
Field	PONDEROSA	API#	43-047-40011	Well Class	COMP
County, State	UINTAH, UT	Spud Date	08-31-2010	Class Date	
Tax Credit	N	TVD / MD	9,600/ 9,600	Property #	062516
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/0
KB / GL Elev	5,032/5,016				
Location	SECTION 33, T8S, R23E, NV	WSE, 1872 FSL & 217	0 FEL		

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	100	0.0		NRI %	-	77.0	
AFE No		306091		AFE Total		1,570,100		DHC / C	WC	625,8	00/ 944,300
Rig Contr	TRU	E	Rig Name	TRUE #3	31	Start Date	05-	-05-2008	Release I	Date	
Rig Contr			Rig Name	TRUE #3	31	Start Date	08-	-30-2010	Release I	Date	09-08-2010
Rig Contr	TRU	Е	Rig Name	TRUE #3	31	Start Date	09-	-15-2010	Release I	Date	09-08-2010
05-05-2008	Re	eported By	CY	YNTHIA HANSE	LMAN						
DailyCosts: Da	rilling	\$0		Comp	letion	\$0		Daily	Total	\$0	
Cum Costs: D	rilling	\$0		Comp	letion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	.0		Perf:			PKR De _l	pth: 0.0)

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA

1872' FSL & 2170' FEL (NW/SE)

SECTION 33, T8S, R23E UINTAH COUNTY, UTAH

LAT 40.077150, LONG 109.329725 (NAD 27) LAT 40.077114, LONG 109.330406 (NAD 83)

Description

TRUE #31

OBJECTIVE: 9600' TD, MESAVERDE

DW/GAS

PONDEROSA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-64422

ELEVATION: 5019.1' NAT GL, 5016.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5016'), 5032' KB

(16')

EOG WI 100%, NRI 67%

	EOG WI 100%							
07–30–2010 Re	eported By N	ATALIE BRAYTON						
DailyCosts: Drilling	\$75,000	Completion	\$0		Daily To	otal	\$75,000	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0	0.0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tir	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 STARTED LO	CATION TODAY, 7/30/201	0.					
08-02-2010 Re	eported By Ti	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0	0.0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tin	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 LOCATION 15	5% COMPLETE.						
08-03-2010 Re	eported By Ti	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
Cum Costs: Drilling	\$75,000	Completion	\$0		Well To	tal	\$75,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0).0	Perf:			PKR De _l	oth: 0.0	
Activity at Report Tir	me: BUILD LOCATION							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 LOCATION 25	5% COMPLETE.						
08-04-2010 Re		ERRY CSERE						
	eported By T	ERRI COLKE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
	·F		\$0 \$0		Daily To Well To		\$0 \$75,000	
DailyCosts: Drilling	\$0	Completion	\$0	0				0.0
DailyCosts: Drilling Cum Costs: Drilling	\$0 \$75,000	Completion Completion Progress 0	\$0	0	Well To	tal	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation :	\$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Time	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION	Completion Completion Progress 0 0.0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc	Completion Completion Progress 0 0.0	\$0 Days	0	Well To	tal 0.0	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc	Completion Completion Progress 0 0.0 cription % COMPLETE.	\$0 Days	0	Well To	0.0 PKR Dep	\$75,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 08-05-2010 Re	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE	\$0 Days Perf:	0	Well To MW	tal 0.0 PKR Dep	\$75,000 Visc oth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 eported By Ti	Completion Completion Progress 0 0.0 cription % COMPLETE. ERRY CSERE Completion	\$0 Days Perf:	0	Well To MW Daily To	tal 0.0 PKR Dep	\$75,000 Visc oth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling Cum Costs: Drilling	\$0 \$75,000 TVD 0 PBTD : 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 Ported By T	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE Completion Completion Progress 0	\$0 Days Perf: \$0 \$0 \$0 \$0		Well To MW Daily To Well To	0.0 PKR Deportal otal	\$75,000 Visc oth: 0.0 \$0 \$75,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-05-2010 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$75,000 TVD 0 PBTD: 0 me: BUILD LOCATION Hrs Activity Desc 24.0 LOCATION 35 Pported By \$0 \$75,000 TVD 0 PBTD: 0	Completion Completion Progress 0 0.0 cription 6% COMPLETE. ERRY CSERE Completion Completion Progress 0 0.0	\$0 Days Perf: \$0 \$0 \$0 Days		Well To MW Daily To Well To	0.0 PKR Deportal tal	\$75,000 Visc oth: 0.0 \$0 \$75,000 Visc	

06:00 06:00	24.0 STARTIN	G CLOSED LOOP.							
08-06-2010 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	otal	\$75,000	
MD 0	TVD	0 Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf :			PKR Dej	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 CLOSED	LOOP 50% COMPLE	ГЕ.						
08-07-2010 R	eported By	TERRY CSERE/KI	ENT DAVEN	PORT					
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	Total	\$75,000	
MD 60	TVD	Frogress Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf:			PKR Dej	pth: 0.0	
Activity at Report Ti	me: SPUD NOTIFIC	CATION							
Start End	Hrs Activity	Description							
06:00 06:00	SURFACI	ROUSTABOUT SPUI E WITH READY MIX I'IFIED BY EMAIL OI	CAROL DA	NIELS W/	UDOGM WA				
08-08-2010 Re	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000	Com	pletion	\$0		Well T	Total	\$75,000	
MD 60	TVD	60 Progress	0 1	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	D : 0.0	P	Perf :			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 CLOSED	LOOP 75% COMPLE	ГЕ.						
08-09-2010 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000		pletion	\$0		Well T		\$75,000	
MD 60	TVD	60 Progress	0 [Days	0	MW	0.0	Visc	0.0
Formation :		D : 0.0		Perf :			PKR De		
Activity at Report Ti							-,	-	
Start End		Description							
06:00 06:00	·	LOOP 75% COMPLE	ГЕ.						
08-10-2010 R	eported By	TERRY CSERE							
	\$0	Com	pletion	\$0		Daily	Total	\$0	
DailyCosts: Drilling		2022	=			•			
_	\$75,000	Com	pletion	\$0		Well T	Total 💮 💮	\$75,000	
DailyCosts: Drilling Cum Costs: Drilling MD 60			pletion 0 Γ		0				0.0
_	TVD	Com 60 Progress D: 0.0	0 1	\$0 Days Perf :	0	MW	0.0 PKR De	Visc	0.0

Start E	End	Hrs Activ	ity Desci	ription							
06:00	06:00	24.0 CLOS	SED LOOF	75% COMPL	ETE.						
08-11-2010	Re	eported By	TE	RRY CSERE							
DailyCosts:	Drilling	\$0		Con	npletion	\$0		Daily	Total	\$0	
Cum Costs:	Drilling	\$75,000		Completion				Well T	otal	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		F	PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at R	Report Ti	me: BUILD LO	CATION								
Start E	End	Hrs Activ	ity Desci	ription							
06:00	06:00	24.0 LOCA	ATION CO	MPLETE.							
08-20-2010	Re	eported By	KE	ERRY SALES							
DailyCosts:	Drilling	\$222,91	7	Con	npletion	\$0		Daily	Total	\$222,917	
Cum Costs:	Drilling	\$297,91	7	Con	npletion	\$0		Well T	otal	\$297,917	
MD	2,776	TVD	2,776	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		F	PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at R	enort Ti	ma• WODT									

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU: CRAIG'S AIR RIG #2 ON 8/15/2010. DRILLED 12–1/4" HOLE TO 2760' GL (2776' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 2160'. PUMP DRILLED FROM 2160' TO TD WITH NO LOSSES. RAN 63 JTS (2745.79') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2761.79' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG'S RIG #2. NOTE: TOH TO COLLARS AT 2490', AT TD LAYED DOWN 8 JOINTS THEN WASHED BACK TO BOTTOM. PUMPED 25 BBL DRILLING MUD SWEEP. WASHED THE LAST 30' OF CASING IN HOLE.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3900 PSI. PUMPED 220 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/208 BBLS FRESH WATER. FCP 520 PSI, BUMPED PLUG W/1100 PSI @ 04:30 AM 08/20/10 FLOATS HELD. NO RETURNS OF CEMENT TO SURFACE. WOC 2 HOURS. LOST RETURNES 176 BBL'S INTO DISPLACEMENT.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 150 SX (30.7 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. MONITOR CEMENT 1.5 HOURS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WE WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG#2 TOOK 6 SURVEYS WHILE DRILLING HOLE @ 1510' = 4 DEGREES, 1630' = 2 DEGREES, 1840' = 1.5 DEGREES, 1930' = 1 DEGREE, 2020' = 1.5 DEGREES, 2470' = 3 DEGREES AND 2760 = 2 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 08/19/10 @ 11:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 08/19/10 AT 11:00 AM. STATE AND BLM WERE NOTIFIED ON 08/18/2010 @ 08:02 AM HOURS.

08–31–2010 Reported By KERRY SALES

Daily Costs: Drilling \$93,151 **Completion** \$0 **Daily Total** \$93,151

Cum Costs: Drilling		\$391,068		Completion \$6		\$0	Well Total			\$391,068	
MD	2,776	TVD	2,776	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	.0		Perf:			PKR Dep	th : 0.0	

Activity at Report Time: PU BHA

Activity a	a Keport I	ine: PU E	SHA
Start	End	Hrs	Activity Description
09:00	02:00	17.0	HSM W/WESTROC TRUCKING, MT WEST, RIG HANDS TO MOVE RIG 1.5 MILES FROM HOSS 74–34. MIRURT. TRUCKS RELEASED @ $16:30$, DERRICK RAISED @ $17:30$.
02:00	05:00	3.0	RIG ON DAYWORK @ 02:00, 8-31-2010.
			SAFETY MEETING. VISUALLY INSPECT ANNULAR. NIPPLE UP & TEST BOPE. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI ANNULAR PREVENTER. TEST THE CASING TO 1500 PSI FOR 30 MINUTES. FMC SET BOP LOCKED DOWN AND TESTED TO 5000 PSI.
			BLM NOTIFIED OF BOP TEST BY E–MAIL ON $8-30-2010$ @ $21:00$ HRS, CALLED UDOGM AND LEFT VOICE MESSAGE. NOTIFICATIONS ON $8/29/2010$. NO REPRESENTATIVE PRESENT.
05:00	06:00	1.0	HSM. R/U WEATHERFORD AND P/U BHA.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RIG MOVE, TEST BOP, P/U BHA.

FUEL - 2200, USED - 150.

 $TRANSFER\ 4\ JTS\ 4\ 1/2",\ 11.6\#,\ N-80,\ LT\&C\ CSG\ (168.46')\ FROM\ HOSS\ 74-34.$

TRANSFER 2350 GALS FUEL FROM HOSS 74–34.

09-01-2010	Re	eported By	K	KERRY SALES							
DailyCosts: I	Orilling	\$45,6	93	Con	npletion	\$0		Daily	Total	\$45,693	
Cum Costs: Drilling \$436,762		762	Completion \$0			Well Total			\$436,762		
MD	4,727	TVD	4,727	Progress	1,951	Days	1	MW	9.1	Visc	36.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING AT 4727'

Start	End	Hrs	Activity Description
06:00	08:30	2.5	CONTINUE TO PICK UP BHA AND DRILL PIPE TO 2681'. WEAR BUSHING INSTALLED.
08:30	09:30	1.0	PRE SPUD WALK AROUND.
09:30	11:30	2.0	DRILL CEMENT AT 2705', FLOAT COLLAR 2716', DRILL SHOE AT 2762'. DRILL RAT HOLE PLUS 10' OF NEW FORMATION TO 2787'. START DRILLING NEW PRODUCTIO HOLE AT 11:05 AM.
11:30	12:00	0.5	PREFORM FIT TEST. MUD WT 9.1 PPG, PRESSURE 255 PSI, EMW 10.85 PPG.
12:00	14:00	2.0	$DRILL\ FROM\ 2787'\ TO\ 3029'.\ 242'.\ ROP\ 121',\ WOB\ 14/18,\ ROTARY\ 48/54,\ MOTOR\ 75,\ SPP\ 1500,\ DIFF\ PSI\ 200/290.$
14:00	14:30	0.5	SURVEY AT 2950', 2 DEGREES.
14:30	17:30	3.0	DRILL FROM 3029' TO 3472'. 443'. ROP 147.6, WOB 14/18, ROTARY 55, MOTOR 75, SPP 1690, DIFF PSI 250/320.
17:30	18:00	0.5	SERVICE RIG.
18:00	23:00	5.0	DRILL FROM 3472' TO 4069'. 597'. ROP 119.4'. WOB 14/18, ROTARY 45/50, MOTOR 75, SPP 1780, DIFF PSI 285/350.
23:00	23:30	0.5	SURVEY AT 3989'. 2.13 DEGREES.
23:30	06:00	6.5	DRILL FROM 4069' TO 4727'. 658'. ROP 101.2' WOB 16/18, ROTARY 45/50 MOTOR 74, SPP 1775/1800, DIFF PSI 210/340.
			MUD WT 9.3 VIS 35.
			SAFETY MEETINGS: RIG UP AND FAST HOLE DRILLING.

FULL CREWS NO ACCIDENTS REPORTED.

CHECKED COM EACH TOUR. DIESEL: 5434 GAL'S USED 1266.

06:00 SPI	UD 7 7/8" HOLE @ 12:00 AM, 8/31/10
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09-02-2010	Re	ported By	K	KERRY SALES								
DailyCosts:	Drilling	\$27,7	762	Con	npletion	\$4,118		Daily	Total	\$31,881		
Cum Costs: Drilling		\$464,525		Completion		\$4,118	Well Total			\$468,644		
MD	5,953	TVD	5,953	Progress	1,226	Days	2	MW	9.5	Visc	36.0	
Formation: PBTD			PBTD:	Perf :			PKR Depth : 0.0					

Activity at Report Time: DRILLING AT 5953'

Start	End	Hrs	Activity Description
06:00	11:00	5.0	DRILL FROM 4727' TO 5011'. 284'. ROP 56.8', WOB 13/16, ROTARY 50, MOTOR 75, SPP 1820/1950, DIFF PSI 166/256.
11:00	11:30	0.5	SURVEY AT 4978'. 2.33 DEGREES.
11:30	14:00	2.5	DRILL FROM 5011' TO 5199'. 75.2'. WOB 10/14, ROTARY 50, MOTOR 75, SPP 1950/2050, DIFF PSI 170/260.
14:00	14:30	0.5	SERVICE RIG.
14:30	06:00	15.5	DRILL FROM 5199' TO 5953'. 754. ROP 48.6. WOB 14/16, ROTARY 50/55, MOTOR 75, SPP 2000, DIFF PSI 120/230.
			MUD WT 9.8 VIS 39.

SAFETY MEETINGS. HAND PLACEMENT AND PPE.

BOP DRILL MORNING TOUR, MEN TO STATION 90 SECONDS.

FUNCTION BOP RAMS.

CHECK COM EACH TOUR.

FULL CREWS NO ACCIDENTS REPORTED.

DIESEL 5434, USED 1325.

Formation: PBTD			PBTD : (Perf :				PKR Depth: 0.0				
MD 6,	745	TVD	6,745	Progress	792	Days	3	MW	9.9	Visc	39.0	
Cum Costs: Drilling		\$491,714		Completion		\$5,694		Well Total		\$497,408		
DailyCosts: Drilling \$27,189			89	Completion \$1,575				Daily Total \$28,764				
09-03-2010	Re	ported By	K	KERRY SALES								

Activity at Report Time: DRILLING AT 6745'.

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL FROM 5953' TO 6205'. 252'. ROP 38.8'. WOB 14/17, ROTARY 47/52, MOTOR 75, SPP 1825/1870, DIFF PSI 92/233.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRILL FROM 6205' TO 6745'. 540' ROP 31.8', WOB 17/20, ROTARY 45/50, MOTOR 75, SPP 2280, DIFF PSI 100/160.
			MUD WT 10.4, VIS 41.
			SAFETY MEETING: HAND PLACEMENT. HOUSE KEEPING.

CHECKED COM AND FUNCTION TEST BOP RAMS.

FULL CREWS, NO ACCIDENTS REPORTED

FUEL 2701, USED 1408 GAL'S.

09-04-2010 Reported By KERRY SALES

DailyCosts: Drilling	\$50,4	\$50,462		Completion			Daily	Total	\$51,353	
Cum Costs: Drilling	\$542,177		Completion		\$6,585		Well Total		\$548,762	
MD 7,115	TVD	7,115	Progress	396	Days	4	MW	10.4	Visc	40.0
Formation :		PBTD : 0.	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 7115'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	DRILL FORM 6745' TO 6771'. 26'. ROP 20.8, WOB 18/20, ROTARY 44/47, MOTOR 75, PSI 2220/2280, DIFF PSI 95/214.
06:30	07:30	1.0	PUMP 70 BBL 80 VIS SWEEP. 10% INCREASE IN CUTTINGS THROUGH OUT SWEEP. FLOW CHECK STATIC, PUMP SLUG AND SET COM ON FIRST STAND. DROP TOTCO SURVEY TOOL.
07:30	11:00	3.5	SET BACK KELLY. TOH 61 STANDS AND 1 SINGLE PIPE COUNT CORRECT. TIGHT HOLE FROM 4809' TO 4856' AND 4566' TO 4458'. PULL ROTATING HEAD RUBBER.
11:00	13:00	2.0	SET BACK BHA. LAY DOWN 2 THREE POINT ROLLER REAMERS, BIT AND MOTOR. PICK UP NEW MOTOR (. 16) AND BIT. RETRIVE SURVEY TOOL, $1.45*$ AT 6636 '.
13:00	18:00	5.0	TIH. FILL PIPE @ 3597' AND INSTALL ROTATING HEAD RUBBER. WORK TIGHT HOLE 4680' TO 4771', 4834' TO 4836', 4920' TO 4929
18:00	20:30	2.5	WASH AND REAM FRON6265' TO 6283' AND 6680' TO 6771. TIGHT HOLE LITE PACK OFFS, JAR FREE TWO TIME. EXCESSIVE CUTTINGS AND SPALLING OVER SHAKERS.
20:30	21:00	0.5	DRILL FROM 6771' TO 6786.15' BREAK IN NEW BIT.
21:00	21:30	0.5	SERVICE RIG AND WORK PIPE RAMS.
21:30	06:00	8.5	DRILL FROM 6786' TO 7115'. 370'. ROP 43.5, WOB 16/18, ROTARY 50, MOTOR 74, SPP 2175, DIFF PSI 122/230.

MUD WT 10.6+, VIS 40.

SAFETY MEETINGS: TRIPPING AND FORK LIFT.

CHECKED COM EACH CREW.

FUNCTION TESTED PIPE AND BLIND RAMS.

NIGHT CREW 1 MAN SHORT, NO ACCIDENTS REPORTED.

DIESEL 6177, USED 1024. RECEUVED 4500 GAL'S.

09-05-2010	Re	ported By	K	ERRY SALES							
DailyCosts: Dr	illing	\$25,43	37	Com	pletion	\$891		Daily	Total	\$26,328	
Cum Costs: Dr	illing	\$567,	614	Com	pletion	\$7,476		Well	Total	\$575,090	
MD 8	,013	TVD	8,013	Progress	898	Days	5	MW	10.7	Visc	41.0
Formation:			PBTD : (0.0		Perf :			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING @ 8013'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL FROM 7115' TO 7415'. 300'. ROP 42.85', WOB 12/15, ROTARY 45/48, MOTOR 75, SPP 2200/2350, DIFF PSI 60/140.
13:00	13:30	0.5	SERVICE RIG AND FUNCTION TEST PIPE RAMS, HCR VALVE AND ANNULAR.
13:30	16:00	2.5	DRILL FROM 7415' TO 7477'. 62', ROP 25. DRILLING PARAMETERS THE SAME.
16:00	16:30	0.5	CHECK FOR PRESSURE LOSS. FOUND 2" BLEED OFF LINE ON PUMP WASHED OUT.
16:30	06:00	13.5	DRILL FROM 7477' TO 8013'. 536'. ROP 39.7, WOB 12/16, ROTARY 50/55, MOTOR 70, PSI 2190/2275, DIFF PSI 108/190.
			MUD WT 10.8 VIS 43.
			SAFETY MEETINGS: CONNECTIONS AND PINCH POINTS.
			NO ACCIDENTS REPORTED, NIGHT CREW 1 HAND SHORT.

CHECKED COM, FUNCTION PIPE RAMS, ANNULAR, HCR VALVE. DIESEL 4694, USED 1483.

09-06-2010	Re	eported By	K	ERRY SALES							
DailyCosts: I	Drilling	\$26,52	20	Com	pletion	\$891		Daily	Total	\$27,411	
Cum Costs: 1	Drilling	\$594,1	35	Com	pletion	\$8,367		Well	Fotal	\$602,502	
MD	8,870	TVD	8,870	Progress	857	Days	6	MW	10.9	Visc	41.0
Formation: PBTD			PBTD : (0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 8870'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL FROM 8013' TO 8328'. 315'. ROP 45', WOB 14/16, ROTARY 50/55, MOTOR 70, PSI 2230/2350, DIFF PSI 160/340.
13:00	13:30	0.5	RIG SERVICE. FUNCTION TEST PIPE RAMS.
13:30	06:00	16.5	DRILL FROM 8328' TO 8870'. 5425. ROP 32.8' WOB 14/18, ROTARY 50, MOTOR 67, SPP 2195, DIFF PSI 55/247.
			MUD WT 11 PPG VIS 43

SAFETY MEETINGS: FALL PROTECTION AND FORK LIFT.
NIGHT CREW 1 HAND SHORT, NO ACCIDENTS REPORTED.
CHECK COM AND FUNCTION PIPE RAMS.
DIESEL 3000, USED 1694 GALS.

09-07-2010	Re	ported By	K	ERRY SALES							
DailyCosts:	Drilling	\$36,5	579	Con	pletion	\$0		Daily	Total	\$36,579	
Cum Costs:	Drilling	\$630	,714	Com	pletion	\$8,367		Well	Total	\$639,082	
MD	9,238	TVD	9,238	Progress	368	Days	7	MW	11.1	Visc	41.0
Formation:			PBTD : 0	0.0		Perf :			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING @ 9238'

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Start	End	Hrs Activity Description
06:00	10:00	4.0 DRILL FROM 8870' TO 8984'. 114'. ROP 28.5', WOB 13/21 ROTARY 44/52, MOTOR 67, PSI 2321/2370, DIFF PSI 14/310.
10:00	10:30	0.5 SERVICE RIG. FUNCTION TEST PIPE RAMS, ANNULAR AND HCR VALVE.
10:30	14:00	3.5 DRILL FROM 8984' TO 9110'. 126'. ROP 36' WOB 15/21, ROTARY 50, MOTOR 67, SPP 2300, DIFF PSI 110/190. PUMP 70 BBL VIS 80+ SWEEP WHILE DRILLING LAST KELLY DOWN. 5/15% INCREASE IN CUTTINGS WITH SWEEP TO SURFACE.
14:00	14:30	0.5 FLOW CHECK, WELL STATIC. SET BACK KELLY AND DROP TOTCO. SET COM.
14:30	18:00	3.5 TOH AT 9110', 86X STANDS, PIPE COUNT CORRECT. TIGHT SPOTS AT 5110/5108, 35/40 OVER PULL AND 4781'/4779', 35K OVER PULL. PULL ROTATING HEAD RUBBER.
18:00	20:00	2.0 SET BACK BHA. LAY DOWN BIT #2 AND MUD MOTOR, PICK UP NEW MOTOR AND BIT #3. TIH BHA.
20:00	23:00	3.0 TIH FROM 984' TO 9003'. INSTALL ROTATING HEAD RUBBER. NO BRIDGES OR TIGHT HOLE.
23:00	00:30	1.5 FILL PIPE. WASH TO BOTTOM FROM 9003' TO 9110'. 107'. CIRCULATING AND DRILLING THROUGH GAS BUSTER. FLAIR 5' FOR 3 MINUTES DIED OUT.
00:30	06:00	5.5 DRILL FROM 9110' TO 9238'. 128'. ROP 23.3', WOB 16/18, ROTARY 50/60, MOTOR 65, SPP 2220/2330, DIFF PSI 102/216.
		MUD 11.3, VIS 42.
		SAFETY MEETINGS: TRIPPING, FORK LIFT.
		NIGHT CREW 1 HAND SHORT, NO ACCIDENTS REPORTED.

CHECKED COM. FUNCTION TEST BLIND AND PIPE RAMS. DIESEL 4550, USED 1250 GALS. RECEIVED 2800 GALS @ \$ 2.8289.

No No No No No No No No	09-08-20)10 Re	ported F	By KI	ERRY SALES							
Note	DailyCost		•	·	Com	npletion	\$0		Daily	v Total	\$40,726	
MD	•		\$6	571,441		-	\$8,367		•		\$679,808	
No	MD	9,600	TVD	9,600	Progress	362	Davs	8	MW	11.3	Visc	40.0
Start Sta	Formation	n:		PBTD : 0	.0		-			PKR De	pth: 0.0	
14:00	Activity a	t Report Ti	me: LD B	вна						_		
14:00	Start	End	Hrs	Activity Desc	ription							
14:30	06:00	14:00	8.0		9238' TO 9459'.	221'. ROI	27.6, WOB 14	/18, ROTA	RY 47/52, M	IOTOR 66, SP	PP 2209/2262, Γ	OIFF PSI
19:00	14:00	14:30	0.5	SERVICE RIG.	FUNCTION TE	EST PIPE I	RAMS.					
FLOW WELL STATIC.	14:30	19:00	4.5					7/21 ROTA	ARY 50/53, M	IOTOR 66, SF	PP 2180/2355, E	DIFF PSI
21:30	19:00	21:00				JMP 70 Bl	BL 80+VIS SW	EEP TO S	URFACE. CU	JTTINGS INC	CREASE 5%+-	. СНЕСК
CHECK FOR FLOW WELL STATIC. 23:00 04:00 5.0 PUMP DRY PIPE SLUG AND LAY DOWN DRILL PIPE AT 23:20 HRS ON 9:07:2010. 04:00 04:30 0.5 BREAK DOWN KELLY AND PULL ROTATING HEAD RUBBER. WELL SEEPING 7 BBL/HR. 04:30 06:00 1.5 LAY DOWN BHA. MUD WT 11.5, VIS 41. SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED. NIGHT CREW SHORT 1 HAND. CHECKED COM AND FUNCTION TEST PIPE RAMS. DIESEL 3310, USED 1240. 09-09-2010 Reported By KERRY SALES/ PAT CLARK DailyCosts: Drilling \$42,478 Completion \$150,159 Daily Total \$192,637 Cum Costs: Drilling \$713,919 Completion \$158,526 Well Total \$872,445 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N=80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77", 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSC MI @ 4622.71', 109 JTS CSG (226 TOTAL). PU JT # 227, TAG BOTTOM @ 9600'. L/ JT # 227, PJU MCH, LJ. INSTALL BOTATING RUBBER. LAND MCH FOR CEBENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.	21:00	21:30	0.5	SHORT TRIP 1	0 STANDS. NO	OVER PU	ILL OR TIGHT	SPOT.				
04:30 04:30 06:00 1.5 BREAK DOWN KELLY AND PULL ROTATING HEAD RUBBER. WELL SEEPING 7 BBL/HR. 04:30 06:00 1.5 LAY DOWN BHA. MUD WT 11.5, VIS 41. SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED. NIGHT CREW SHORT 1 HAND. CHECKED COM AND FUNCTION TEST PIPE RAMS. DIESEL 3310, USED 1240. 09-09-2010 Reported By KERRY SALES/ PAT CLARK DailyCosts: Drilling \$42,478 Completion \$150,159 Daily Total \$192,637 Cum Costs: Drilling \$713,919 Completion \$158,526 Well Total \$872,445 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:30 06:30 0.5 PULL WEAR BUSHING. 05:5 SAFETY MEETING, RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77", 1 JT CSG, FLOAT COLLAR @ 9550.24", 51 JTS CSG MJ @ 4622.71", 109 JTS CSG (226 TOTAL). PU JT # 227, TAG BOTTOM @ 9600". L/JT # 227. PVJ MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362".	21:30	23:00					IS UP 2' TO 4' I	FLARE FO	OR 5 MINUT	ES. CUTTING	GS INCREASE	1% TO 2%.
04:30	23:00	04:00	5.0	PUMP DRY PII	PE SLUG AND	LAY DOW	N DRILL PIPE	AT 23:20	HRS ON 9/0	07/2010.		
SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS.	04:00	04:30	0.5	BREAK DOWN	N KELLY AND	PULL RO	TATING HEAD	RUBBER	. WELL SEE	PING 7 BBL/	HR.	
SAFETY MEETINGS: TRIPPING, LDDP, W/FORD PRE-JOB, CHAINS & HOOKS. NO ACCIDENTS REPORTED.	04:30	06:00	1.5	LAY DOWN BI	HA.							
09-09-2010 Reported By KERRY SALES/ PAT CLARK DailyCosts: Drilling \$42,478 Completion \$150,159 Daily Total \$192,637 Cum Costs: Drilling \$713,919 Completion \$158,526 Well Total \$872,445 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY INTO FLOAT SHOE @ 9594.77", 1 JT CSG, FLOAT COLLAR @ 9550.24", 51 JTS CSG, MJ @ 4622.71", 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/U JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.				NO ACCIDENT NIGHT CREW CHECKED CO	TS REPORTED. SHORT 1 HAN M AND FUNCT	D.		- ТОБ, СП	ians a no	OKS.		
DailyCosts: Drilling \$42,478 Completion \$150,159 Daily Total \$192,637 Cum Costs: Drilling \$713,919 Completion \$158,526 Well Total \$872,445 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY INTERCEDED FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/J JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.	00.00.20					NATION AD						
Cum Costs: Drilling \$713,919 Completion \$158,526 Well Total \$872,445 MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/J JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.												
MD 9,600 TVD 9,600 Progress 0 Days 9 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.	•	O				_			·			
Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/J JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.		· ·				_		0				0.0
Activity at Report Time: RDRT/WO COMPLETION Start End Hrs Activity Description 06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.			TVD		_	0		9	MW			0.0
06:00 06:30 0.5 PULL WEAR BUSHING. 06:30 12:00 5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/J JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.			me: RDR				Peri :			PKR Dej	pth: 0.0	
5.5 SAFETY MEETING. RUN 4 1/2", 11.6#, N–80, LT&C CSG AS FOLLOWS: INSTALL LATCH DOWN ASSEMBLY I FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/J JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.	Start	End	Hrs	Activity Desc	ription							
FLOAT COLLAR. HALLIBURTON FLOAT SHOE @ 9594.77', 1 JT CSG, FLOAT COLLAR @ 9550.24', 51 JTS CSG MJ @ 7373.58', 65 JTS CSG, MJ @ 4622.71', 109 JTS CSG (226 TOTAL). P/U JT # 227, TAG BOTTOM @ 9600'. L/JT # 227. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6362'.	06:00	06:30	0.5	PULL WEAR E	BUSHING.							
12.00 12.00 1.0 CIDCHI ATE AND CONDITION FOR CENTRAL	06:30	12:00		FLOAT COLLA MJ @ 7373.58', JT # 227. P/U M	AR. HALLIBUR , 65 JTS CSG, M ICH, LJ. INSTA	TON FLO IJ @ 4622 LL ROTA	AT SHOE @ 95 71', 109 JTS C ING RUBBER	94.77', 1 J SG (226 T , LAND M	T CSG, FLO OTAL). P/U ICH FOR CE	AT COLLAR JT # 227, TAC MENT. RAN	@ 9550.24', 51 G BOTTOM @ TURBULIZER	JTS CSG, 9600'. L/D
12:00 13:00 1.0 CIRCULATE AND CONDITION FOR CEMENT.	12:00	13:00	1.0	CIRCULATE A	ND CONDITIO	N FOR CI	EMENT.					

	15:30	PUM 12 P CU/I UP T RET BAC	MP 20 BBLS PG, 1.84 YI FT) TAIL E FO RIG CA TURNS THI CK 2 BBLS	S MUD FLU LD, 9.86 G EXTENDAC TCH TANK ROUGHOU , FLOATS F	USH, MIX ANI AL/SK + 4% B CEM CEMENT K, HAND DROI IT JOB. FINAL	ON. PRESSURE D PUMP 525 SX ENTONITE + @ 13.5 PPG, 1 P PLUG AND D CIRCULATING URE BACK UP TO	(172 BBI 3% VERS. 47 YLD, 6 ISPLACE G PRESSU	LS, 966 CU/F ASET. MIX A .98 GAL/SK W/148 BBL JRE 2850 PS	FT) LEAD HI AND PUMP 1 . + .125 LBM .S FRESH WA II. BUMPED I	GHBOND 75 C 1315 SX (344 B POLY-E-FLA ATER. FULL M PLUG TO 4079	EMENT @ BLS, 1933 KE. WASH UD PSI. BLED
		BLM	4 NOTIFIE	D BY E-M	AIL 9/05/10 @	08:00, NO REP	RESENTA	ATIVE PRES	ENT.		
15:30	16:30	1.0 WAI	T ON CEM	MENT.							
16:30	17:30	1.0 SET	DTO PACI	KOFF AND	TEST TO 5000) PSI.					
17:30	19:30	2.0 CLE	AN MUD	TANKS, NI	DBOP. RIG REI	LEASED @ 19:3	30.				
19:30	06:00	10.5 RDR	RT. PREPAI	RE TO MOV	VE 6.1 MILES	TO HOSS 53-29	9 @ 06:30				
		FUL	L CREWS.	, NO ACCII	DENTS.						
						G, CEMENTING	RIG DO	WN			
				USED – 470		J, CLIVILIVIIIVO	i, Kid Do	W1N.			
			· ·			FC CCC (40 45)	10 15? 1	2 12: 42 76:	41.002.40.17	1, 152.00 TO	TAT
				F) TO HOS:		TC CSG (42.45°,	, 42.45 , 4	2.12 , 42.76°	, 41.98 , 42.1.	z – 255.88° TO	IAL
				,		TOTAL THREA	ADS OFF	TO HOSS 5	3-29		
						@ \$2.8289/GAL	ŕ	10 11055 5	5 27.		
00 12 201	<u> </u>				TEGEL I CEL	υ φ2.020)/ G/1Ε	•				
09-13-201	U Ke	ported By	SE	EARLE							
DailyCosts	: Drilling	\$0		(Completion	\$29,300		Daily	y Total	\$29,300	
Cum Costs	: Drilling	\$713,9	19	(Completion	\$187,826		Well	Total	\$901,745	
	0.600		0.600	-	0	_	10	MW	0.0	T 70	0.0
MD	9,600	TVD	9,600	Progress	$\mathbf{s} = 0$	Days	10	IVI VV	0.0	Visc	0.0
	,			Progress 550.0	s 0	Days Perf :	10	IVI VV			0.0
Formation	:		PBTD : 9		s 0	Days Perf:	10	IVI VV	PKR De		0.0
Formation Activity at	: Report Ti	ne: PREP FOI	PBTD : 9	550.0	s 0	-	10	IVI VV			0.0
Formation Activity at Start	: Report Tin	me: PREP FOI	PBTD: 9 R FRACS ivity Desc	550.0		Perf:			PKR De	pth : 0.0	
Formation Activity at	: Report Ti	me: PREP FOI Hrs Acti 24.0 MIR	PBTD: 9 R FRACS ivity Desc	550.0 ription MBERGER		-			PKR De	pth : 0.0	
Formation Activity at Start	Report Tin	me: PREP FOI Hrs Acti 24.0 MIR	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT	550.0 ription MBERGER	. LOG WITH R	Perf:			PKR De	pth : 0.0	
Formation Activity at Start 06:00 10-07-201	: Report Til End 06:00	me: PREP FOI Hrs Acti 24.0 MIR EST	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT	550.0 ription MBERGER TOP @ 229 CCURDY	. LOG WITH R 90'. RDWL.	Perf:		@ ST/CBL/C	PKR De	pth : 0.0	
Formation Activity at Start 06:00 10-07-201 DailyCosts	Report Tin End 06:00 Re : Drilling	Hrs Acti 24.0 MIR EST Ported By \$0	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT	ription MBERGER TOP @ 229 CCURDY	. LOG WITH R 90'. RDWL. Completion	Perf: 970'. EST CEM \$2,348		@ ST/CBL/C Dail y	PKR De	pth : 0.0 FROM 9526' T	
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs	Report Tin End 06:00 Re :: Drilling	Hrs Acti 24.0 MIR EST ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M	ription MBERGER TOP @ 229 CCURDY	. LOG WITH R 00'. RDWL. Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174	ENT TO	@ ST/CBL/C Daily Well	PKR Deg	pth: 0.0 FROM 9526' T \$2,348 \$904,093	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts	Report Tin End 06:00 Re : Drilling	Hrs Acti 24.0 MIR EST ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M	ription MBERGER TOP @ 229 CCURDY	. LOG WITH R 00'. RDWL. Completion Completion	Perf: 970'. EST CEM \$2,348		@ ST/CBL/C Dail y	PKR De	pth : 0.0 FROM 9526' T	
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs	Report Tin End 06:00 Re :: Drilling 9,600	Hrs Acti 24.0 MIR EST ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M	ription MBERGER TOP @ 229 CCURDY Progress	. LOG WITH R 00'. RDWL. Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174	ENT TO	@ ST/CBL/C Daily Well	PKR Deg	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation	Report Tin End 06:00 Re :: Drilling 9,600 :	Hrs Acti 24.0 MIR EST ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 119 9,600 PBTD: 9	ription MBERGER TOP @ 229 CCURDY Progress	. LOG WITH R 00'. RDWL. Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174 Days	ENT TO	@ ST/CBL/C Daily Well	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at	Report Tin End 06:00 Re S: Drilling 9,600 Report Tin	me: PREP FOI Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD me: WO COM	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9	ription MBERGER TOP @ 229 CCURDY Progress 550.0	. LOG WITH R 00'. RDWL. Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174 Days	ENT TO	@ ST/CBL/C Daily Well	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start	Report Tine 10 Record Tine 10 Record Tine 10 Prilling	Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD me: WO COM Hrs Acti	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 119 9,600 PBTD: 9 IPLETION ivity Desc	ription MBERGER TOP @ 229 CCURDY Progress 550.0	. LOG WITH R 100'. RDWL. Completion Completion S 0	Perf: 970'. EST CEM \$2,348 \$190,174 Days Perf:	IENT TO	@ ST/CBL/C Daily Well MW	PKR De	\$2,348 \$904,093 Visc pth: 0.0	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00	Report Tin End 06:00 Res Drilling 9,600 Report Tin Continue Continue	me: PREP FOI Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9 PLETION ivity Desc	ription MBERGER TOP @ 229 CCURDY Progress 550.0 ription CTREE. PR	. LOG WITH R 100'. RDWL. Completion Completion S 0	Perf: 970'. EST CEM \$2,348 \$190,174 Days	IENT TO	@ ST/CBL/C Daily Well MW	PKR De	\$2,348 \$904,093 Visc pth: 0.0	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201	Report Tine End 06:00 Rescripting 9,600 Report Tine End 06:00 Rescription	Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU Ported By	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9 PLETION ivity Desc	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 ription CTREE. PR	. LOG WITH R 20'. RDWL. Completion Completion s 0	Perf: 970'. EST CEM \$2,348 \$190,174 Days Perf:	IENT TO	@ ST/CBL/C Daily Well MW	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201 DailyCosts	: Report Tin End	me: PREP FOI Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU Ported By \$0	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9 RPLETION ivity Desc 10M FRAC	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 ription CTREE. PR	. LOG WITH R DO'. RDWL. Completion Completion S 0 ESSURE TEST	Perf: 970°. EST CEM \$2,348 \$190,174 Days Perf:	IENT TO	@ ST/CBL/C Daily Well MW NG TO 6500	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201 DailyCosts Cum Costs	Report Tine End 06:00 Rescripting 9,600 Report Tine End 06:00 Rescripting 9: Drilling 9: Drilling	Hrs Acti 24.0 MIR EST Ported By \$0 \$713,9 TVD Me: WO COM Hrs Acti 24.0 NU Ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9 IPLETION ivity Desc 10M FRAC	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 Tiption CTREE. PRI CCURDY	. LOG WITH R 20'. RDWL. Completion Completion s 0 ESSURE TEST Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174 Days Perf: ED FRAC TREE \$903 \$191,077	IENT TO	@ ST/CBL/C Daily Well MW NG TO 6500 Daily Well	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0 COMPLETION. \$903 \$904,996	0.0 970°.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201 DailyCosts	: Report Tin End	me: PREP FOI Hrs Acti 24.0 MIR EST ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 19 9,600 PBTD: 9 RPLETION ivity Desc 10M FRAC M 119 9,600	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 TIPEE. PRI CCURDY	. LOG WITH R 20'. RDWL. Completion Completion s 0 ESSURE TEST Completion Completion	Perf: 970°. EST CEM \$2,348 \$190,174 Days Perf: ED FRAC TREI \$903 \$191,077 Days	11 E & CASI	@ ST/CBL/C Daily Well MW NG TO 6500	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0	O 970'.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201 DailyCosts Cum Costs	Report Tine End 06:00 Rescription Section Drilling 9,600 Report Tine End 06:00 Rescription Section Drilling Section Drilling Section Drilling 9,600	me: PREP FOI Hrs Acti 24.0 MIR EST ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 9,600 PBTD: 9 IPLETION ivity Desc 10M FRAC	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 TIPEE. PRI CCURDY	. LOG WITH R 20'. RDWL. Completion Completion s 0 ESSURE TEST Completion Completion	Perf: 970'. EST CEM \$2,348 \$190,174 Days Perf: ED FRAC TREE \$903 \$191,077	11 E & CASI	@ ST/CBL/C Daily Well MW NG TO 6500 Daily Well	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0 COMPLETION. \$903 \$904,996 Visc	0.0 970°.
Formation Activity at Start 06:00 10-07-201 DailyCosts Cum Costs MD Formation Activity at Start 06:00 10-20-201 DailyCosts Cum Costs MD Formation	Report Tine End 06:00 Rescripting 9,600 Report Tine End 06:00 Rescripting 9:Drilling 9:Drilling 9:MESAVE	me: PREP FOI Hrs Acti 24.0 MIR EST ported By \$0 \$713,9 TVD me: WO COM Hrs Acti 24.0 NU ported By \$0 \$713,9	PBTD: 9 R FRACS ivity Desc U SCHLUI CEMENT M 19 9,600 PBTD: 9 19 9,600 PBTD: 9	ription MBERGER TOP @ 229 CCURDY Progres: 550.0 Pription CTREE. PRI CCURDY Progres: 550.0	. LOG WITH R 20'. RDWL. Completion Completion s 0 ESSURE TEST Completion Completion	Perf: 970°. EST CEM \$2,348 \$190,174 Days Perf: ED FRAC TREI \$903 \$191,077 Days	11 E & CASI	@ ST/CBL/C Daily Well MW NG TO 6500 Daily Well	PKR De	pth: 0.0 FROM 9526' T \$2,348 \$904,093 Visc pth: 0.0 COMPLETION. \$903 \$904,996 Visc	0.0 970°.

06:00 06:00

24.0 STAGE 1. MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 8992'-93', 9006'-07', 9014'-15', 9045'-46', 9100'-01', 9215'-16', 9318'-19', 9349'-50', 9353'-54', 9360'-61', 9367'-68', 9382'-83', 9442'-43', 9446'-47' @ 2 SPF & 180 DEGREE PHASING. RDWL. SWIFN.

10-21-2010	Re	ported	By N	MCCURDY							
DailyCosts: Da	rilling		\$0	Co	ompletion	\$1,428		Daily	Total	\$1,428	
Cum Costs: D	rilling		\$713,919	Co	ompletion	\$192,505		Well	Total	\$906,424	
MD	9,600	TVD	9,600	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD		PBTD:	9550.0		Perf : 7180'-	9447'		PKR Dep	oth: 0.0		

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00 24.0 FRAC TANKS PRE MIXED W/BIOCIDE (75) @ .05 GAL/M, WSI SCALE INHIBITOR (3730) @ 1 GAL/M.

STAGE 1. INTIAL PRESSURE 1392 PSIG. MIRU HALLIBURTON, FRAC LPR DOWN CASING W/ 7387 GAL 16# LINEAR W/9500# 20/40 SAND @ 1–1.5 PPG, 46252 GAL 16# DELTA 200 W/161200# 20/40 SAND @ 2–5 PPG. MTP 6508 PSIG. MTR 50.3 BPM, ATP 5505 PSIG. ATR 47.3 BPM, ISIP 3404 PSIG. RD HALLIBURTON.

STAGE 2

RUWL. SET 6K CFP AT 8956'. PERFORATE MPR / LPR FROM 8793'-94', 8797'-98', 8802'-03', 8824'-25', 8829'-30', 8851'-52', 8859'-60', 8875'-76', 8884'-85', 8900'-01', 8923'-24', 8925'-26', 8935'-37' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 41548 GAL 16# DELTA 200 W/107000# 20/40 SAND @ 1-5 PPG. MTP 6509 PSIG. MTR 50.3 BPM. ATP 5259 PSIG. ATR 41.4 BPM. ISIP 3606 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8748'. PERFORATE MPR FROM 8565'-66', 8570'-71', 8575'-76', 8603'-04', 8607'-08', 8616'-17', 8622'-23', 8633'-34', 8675'-76', 8680'-81', 8691'-92', 8714'-15', 8723'-24', 8728'-29' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/7931 GAL 16# LINEAR W/10300# 20/40 SAND @ 1-1.5 PPG, 34455 GAL 16# DELTA 200 W/118900# 20/40 SAND @ 2-5 PPG. MTP 6612 PSIG. MTR 50.1 BPM. ATP 5542 PSIG. ATR 46.1 BPM. ISIP 5066 PSIG. RD HALLIBURTON.

STAGE 4. RUWL. SET 6K CFP AT 8520'. PERFORATE MPR FROM 8289'-90', 8317'-18', 8327'-28', 8337'-38', 8347'-48', 8355'-56', 8361'-62', 8381'-82', 8390'-91', 8406'-07', 8420'-21', 8480'-81', 8490'-91', 8498'-99' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/64126 GAL 16# DELTA 200 W/199100# 20/40 SAND @ 2-5 PPG. MTP 50.5 PSIG. MTR 50.5 BPM. ATP 4716 PSIG. ATR 42.9 BPM. ISIP 2223 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8262'. PERFORATE UPR / MPR FROM 7848'-49', 7854'-55', 7860'-61', 8001'-02', 8006'-07', 8014'-15', 8020'-21', 8093'-94', 8173'-74', 8178'-79', 8188'-89', 8211'-12', 8215'-16', 8242'-43' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 10049 GAL 16# LINEAR W/12200# 20/40 SAND @ 1-1.5 PPG, 41142 GAL 16# DELTA 200 W/142300# 20/40 SAND @ 2-5 PPG. MTP 6233 PSIG. MTR 51.2 BPM. ATP 5656 PSIG. ATR 33.4 BPM. ISIP 2846 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7816'. PERFORATE UPR FROM 7506'-07', 7512'-13', 7520'-21', 7536'-37', 7545'-46', 7605'-06', 7645'-46', 7666'-67', 7673'-74', 7721'-22', 7766'-67', 7778'-79', 7788'-89', 7796'-97' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/7403 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 40891 GAL 16# DELTA 200 W/142700# 20/40 SAND @ 2-5 PPG. MTP 6305 PSIG. MTR 50.6 BPM. ATP 5193 PSIG. ATR 45.8 BPM. ISIP 2550 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7430'. PERFORATE UPR FROM 7180'-81', 7210'-11', 7219'-20', 7224'-25', 7233'-34', 7241'-42', 7249'-50', 7259'-60', 7268'-69', 7305'-06', 7316'-17', 7371'-72', 7407'-08', 7409'-10' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/7391 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 39874 GAL 16# DELTA 200 W/138400# 20/40 SAND @ 2-5 PPG. MTP 6462 PSIG. MTR 50.3 BPM. ATP 5176 PSIG. ATR 50.3 BPM. ISIP 2406 PSIG. RD HALLIBURTON. SDFN.

10-22-2010	Reported By	MCCURDY
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DailyCosts	: Drilling	\$0		Con	pletion	\$375,594		Daily	Total	\$375,594	
Cum Costs	: Drilling	\$71	3,919	Com	pletion	\$568,099		Well 7	Total	\$1,282,019	
MD	9,600	TVD	9,600	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation	· MECAME	DDE /	DDTD . o	550.0		Dorf . 5412	0447		DVD Do	4h • 0 0	

Formation : MESAVERDE / **PBTD :** 9550.0 **Perf :** 5412'-9447' **PKR Depth :** 0.0

WASATCH

Activity at Report Time: PREP TO MIRUSU FOR POST FRAC CLEAN OUT

Start	End	Hrs	Activity Description

06:00 06:00 24.0 STAGE 8. INTIAL PRESSURE 1734 PSIG. RUWL. SET 6K CFP AT 7030'. PERFORATE Ba/NH FROM 6660'-61',

6663'-64', 6666'-67', 6679'-80', 6681'-82', 6692'-93', 6721'-22', 6728'-29', 6761'-62', 6791'-92', 6927'-28', 6983'-84', 6997'-98', 7010'-11' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7370 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 31758 GAL 16# DELTA 200 W/111500# 20/40 SAND @ 2-5 PPG. MTP 6393 PSIG. MTR 50.5 BPM. ATP 4847 PSIG. ATR 48.3 BPM. ISIP 2448 PSIG. RD

HALLIBURTON.

STAGE 9. RUWL. SET 6K CFP AT 6524'. PERFORATE Ca/BA FROM 6100'-01', 6111'-12', 6115'-16', 6120'-21', 6124'-25', 6127'-28', 6130'-31', 6251'-52', 6311'-12', 6347'-48', 6400'-02', 6489'-90', 6504'-05' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 7411 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 20433 GAL 16# DELTA 200 W/65400# 20/40 SAND @ 2-4 PPG. MTP 6055 PSIG. MTR 50.5 BPM. ATP 5036 PSIG. ATR 41.4 BPM. ISIP 1622 PSIG. RD HALLIBURTON.

STAGE 10. RUWL. SET 6K CFP AT 6054'. PERFORATE Ca FROM 5747'-48', 5756'-57', 5758'-59', 5762'-63', 5765'-66', 5774'-75', 5777'-78', 5811'-12', 5898'-99', 5900'-01', 6028'-29', 6034'-35' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 6387 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 21644 GAL 16# DELTA 200 W/72200# 20/40 SAND @ 2-4 PPG. MTP 3998 PSIG. MTR 51 BPM. ATP 3678 PSIG. ATR 49.4 BPM. ISIP 2184 PSIG. RD HALLIBURTON.

STAGE 11. RUWL. SET 6K CFP AT 5666'. PERFORATE Pp/Ca FROM 5412'-13', 5414'-15', 5416'-17', 5517'-18', 5523'-24', 5525'-26', 5528'-29', 5530'-31', 5634'-35', 5642'-43', 5644'-45', 5646'-47' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 6354 GAL 16# LINEAR W/7900# 20/40 SAND @ 1-1.5 PPG, 17966 GAL 16# DELTA 200 W/58400# 20/40 SAND @ 2-4 PPG. MTP 5420 PSIG. MTR 51 BPM. ATP 4274 PSIG. ATR 47.7 BPM. ISIP 2568 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5333'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

10-23-2010	Re	eporte	d By	HOOLEY							
DailyCosts: D	Prilling		\$0		Completion	\$4,540		Daily	Total	\$4,540	
Cum Costs: I	Orilling		\$713,919		Completion	\$572,639		Well 7	Total	\$1,286,559	
MD	9,600	TVD	9,600	Progre	ess 0	Days	15	MW	0.0	Visc	0.0
Formation: MESAVERDE / PBTD WASATCH			PBTD:	9550.0		Perf : 5412'-	9447'		PKR Dep	oth: 0.0	

Activity at Report Time: POST FRAC CLEAN OUT

Start	End	Hrs	Activity Description
06:00	14:00	8.0	MIRUSU. ND FRAC TREE & NU BOP. RIH W/BIT & PUMP OFF SUB TO 5300'. RU TO DRILL OUT PLUGS.
			SDFWE.

10-26-20	10 R	eported By	Н	ISLOP							
DailyCost	s: Drilling	\$0		Cor	mpletion	\$86,765		Daily	Total	\$86,765	
Cum Cost	s: Drilling	\$713,	919	Cor	mpletion	\$659,404		Well T	otal	\$1,373,324	
MD	9.600	TVD	9,600	Progress	0	Days	16	MW	0.0	Visc	0.0

Formation: MESAVERDE / PBTD: 9550.0 Perf: 5412'-9447' PKR Depth: 0.0

WASATCH

Activity at Report Time: FLOW TESTING

Start End Hrs Activity Description

06:00 06:00 24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5333', 5666', 6054', 6524', 7030', 7430', 7816', 8262',

8520', 8748', & 8956'. CLEANED OUT TO PBTD @ 9550'. LANDED TUBING @ 9435' KB. ND BOP & NU TREE.

PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 13 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 800 PSIG. 73 BFPH. RECOVERED 1057 BLW. 11743 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF BIT SUB 0.91'

1 JT 2-3/8" 4.7# N-80 TBG 32.58'

XN NIPPLE 1.30'

289 JTS 2-3/8" 4.7# N-80 TBG 9383.82'

BELOW KB 16.00' LANDED @ 9434.61' KB Form 3160-4 (August 2007)

UNITED STATES

FORM APPROVED

BUREAU OF LAND MANAGEMENT									OMB No. 1004-0137 Expires: July 31, 2010							
	WELL	COMPI	LETION (ORT	AND I	LOG				ease Serial ITU64422	No.	
1a. Type o	of Well	Oil Well	I ⊠ Gas	Well	Dry		Other						6. If	Indian, Al	lottee o	or Tribe Name
b. Type o	of Completion	n 🛛 🗅	New Well	☐ Wo	rk Over		eepen	🗖 Pluį	g Back	□ D:	iff. Res	vr.	7 TI			
		Oth	er										/. U	nit or CA	Agreem	ent Name and No.
	REŜOURCE			E-Mail: N	Cor AICHELL	ntact: M E_ROE	ICHELLE BLES@E0	OGRE	SOURCE	_			8. Lease Name and Well No. HOSS 89-33			
3. Address	1060 EAS						3a. Pl Ph: 3	ione N 107-27	o. (includ 6-4842	e area o	code)		9. API Well No. 43-047-40011			
4. Location	n of Well (Re		-				-)*					rield and P		Exploratory
At surf	ace NWSI	E 1872FS	SL 2170FEL	. 40.077	11 N Lat	109.33	3041 W L	on				l	11. S	11. Sec., T., R., M., or Block and Survey		
At top prod interval reported below NWSE 1872FSL 2170FEL 40.07711 N Lat, 109.33041 W Lon												- }	0	r Area Se	ec 33 T	8S R23E Mer SLB
At total	depth NV	VSE 1872	FSL 2170F	EL 40.0	7711 N I	at, 109	.33041 W	/ Lon						County or I INTAH	arish	13. State UT
14. Date Spudded 08/06/2010 15. Date T.D. Reached 09/07/2010 16. Date Completed □ D & A ☑ Ready to Prod. 10/26/2010									i.	17. E	levations 50	(DF, KI 19 GL	B, RT, GL)*			
18. Total I	Depth:	MD	9600		19. Plug	Back T		MD		550	2	0. Dep	th Bri	ige Plug S	et:	MD
21 Type I	Ilantria & Otl	TVD	nical Loga D	van (Cash	:	£ \		TVD		100 1			0	=		TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RST/CBL/CCL/VDL/GR 22. Was well cored? ☑ No ☐ Yes (Submit analysis) Was DST run? ☑ No ☐ Yes (Submit analysis) Directional Survey? ☑ No ☐ Yes (Submit analysis)									s (Submit analysis)							
23. Casing a	nd Liner Rec	ord (Repo	ort all string:	set in w	ell)		,		r							
Hole Size	Size/C	rade	Wt. (#/ft.)	Top (ME		ottom MD)	Stage Cer Dep		1	of Sks. a		Slurry '(BBI		Cement	Top*	Amount Pulled
12.250	9	.625 J55	36.0	 ` ` - 	0	2762	*	LII	Type c	or Ceine	700	(DDI	0			
7.875		500 N80			0	9595				1	1840			0		
W				<u> </u>			<u> </u>									
	-						ļ			·	_					
24. Tubing	Record			i												
	Depth Set (N	(D) P	acker Depth	(MD)	Size	Dent	h Set (MD) P	acker Der	nth (MI	<u> </u>	Size	De	pth Set (M	D)	Packer Depth (MD)
2.375		9435		(2.2.2)	5,20	Бери	ii Bet (III)	1	deker De	Dell (1VII	7	BIZC	De	pai sei (M	5)	racker Depth (MD)
25. Produci	ng Intervals					26.	Perforatio	n Reco	rd				-	·······		
F	ormation		Тор		Bottom		Perf	rforated Interval Size			Size	N	lo. Holes		Perf. Status	
AWASATO	CH/MESAVE	ERDE		5412	94	47			8992 T	O 944	7			2		
В)									8793 T					2		
C)	*****	<u> </u>							8565 T		$\overline{}$			2		
D) 27 Acid Fr	racture, Treat	tment Cer	nent Squeez	- Etc					8289 T	O 8499	9			2	<u></u>	
	Depth Interv		nem squeez	J, 1210.				Δτ	nount and	Time	of Mate	rial				
Depth Interval Amount and Type of Material 8992 TO 9447 53,639 GALS GELLED WATER & 170,700# 20/40 SAND																
8793 TO 8937 41,548 GALS GELLED WATER & 107,000# 20/40 SAND																
	85	65 TO 87	729 42,386	GALS GE	LLED WA	TER & 1	129,200# 2	0/40 S/	AND							
			199 64,126	GALS GE	LLED WA	TER &	199,100# 2	0/40 S/	AND							
	ion - Interval	,		·				,								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Vater BL	Oil Gra			as ravity	P	roductio	on Method		
10/26/2010	11/10/2010	24		16.0	64		530.0							FLOV	VS FRC	M WELL
Choke Size	Tbg. Press. Flwg. 550	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Vater BL	Gas:Oi Ratio	1	W	ell Status	i				***************************************
24/64	SI SI	1400.0		16	64		530	, aut			PGV	v				
28a. Produc	tion - Interva	l B								—— <u>l</u>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Vater BL	Oil Gra Corr. A			as ravity	P	roductio	n Method		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	W	/ater	Gas:Oi	1	w	ell Status					

RECEIVED

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #97569 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

NOV 17 2010

28h Pro	duction - Inter	val C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	le.	as	The state of the		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	w	ell Status			
28c. Proc	duction - Interv	/al D		<u> </u>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status	<u> </u>		
29. Dispo	osition of Gas(D	Sold, used	for fuel, vent	ed, etc.)	·	···········	<u> </u>				·····	
30. Sumr	nary of Porous	Zones (In	clude Aquife	rs):					31. For	mation (Log) Marl	kers	
tests,	all important including dept ecoveries.	zones of po h interval	orosity and cotested, cushic	ontents ther on used, tim	eof: Cored e tool ope:	l intervals an n, flowing an	d all drill-stem d shut-in pressure	es				
	Formation	ļ	Top	Bottom		Descript	ions, Contents, etc	o.		Name		Top Meas. Depth
	ional remarks (5412 ugging proce additional p	9447 dure): erfs and tr	eatments				BIR MA UTI WA CH, BU	EEN RIVER RDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER		1877 2151 2779 4886 5029 5634 6321 7374
1. Ele	enclosed attac ctrical/Mechar ndry Notice for	nical Logs	•	. /		Geologie Core An	-		3. DST Rep 7 Other:	ort	4. Directions	al Survey
34. I hereb	by certify that t	he foregoi		onic Subm	ission #97	569 Verified	rrect as determine by the BLM We , INC., sent to th	ell Inforn	nation Syst	records (see attach	ed instruction	ıs):
Name	(please print)	MICHELL	E E ROBLE						TORY ASS	ISTANT		
Signati			c Submissio		lic	helle	Robl	/16/201	<u> </u>	7		
of the Unit	ted States any	false, fictit	ious or fradu	. section 12 lent stateme	12↓make ints or rem	it a crime for resentations a	any person know is to any matter wi	angly and	d willfully to urisdiction	make to any depa	ertment or age	ency

HOSS 89-33 ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

7848-8243	2/spf
7506-7797	2/spf
7180-7410	2/spf
6660-7011	2/spf
6100-6505	2/spf
5747-6035	3/spf
5412-5647	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7848-8243	51,191 GALS GELLED WATER & 154,500# 20/40 SAND
7506-7797	48,294 GALS GELLED WATER & 152,200# 20/40 SAND
7180-7410	47,265 GALS GELLED WATER & 147,900# 20/40 SAND
6660-7011	39,128 GALS GELLED WATER & 121,000# 20/40 SAND
6100-6505	27,844 GALS GELLED WATER & 74,900# 20/40 SAND
5747-6035	28,031 GALS GELLED WATER & 80,200# 20/40 SAND
5412-5647	24,320 GALS GELLED WATER & 66,300# 20/40 SAND

PERFORATE LOWER PRICE RIVER FROM 8992'-93', 9006'-07', 9014'-15', 9045'-46', 9100'-01', 9215'-16', 9318'-19', 9349'-50', 9353'-54', 9360'-61', 9367'-68', 9382'-83', 9442'-43', 9446'-47' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER / LOWER PRICE RIVER FROM 8793'-94', 8797'-98', 8802'-03', 8824'-25', 8829'-30', 8851'-52', 8859'-60', 8875'-76', 8884'-85', 8900'-01', 8923'-24', 8925'-26', 8935'-37' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 8565'-66', 8570'-71', 8575'-76', 8603'-04', 8607'-08', 8616'-17', 8622'-23', 8633'-34', 8675'-76', 8680'-81', 8691'-92', 8714'-15', 8723'-24', 8728'-29' @ 2 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 8289'-90', 8317'-18', 8327'-28', 8337'-38', 8347'-48', 8355'-56', 8361'-62', 8381'-82', 8390'-91', 8406'-07', 8420'-21', 8480'-81', 8490'-91', 8498'-99' @ 2 SPF.

PERFORATE UPPER PRICE RIVER / MIDDLE PRICE RIVER FROM 7848'-49', 7854'-55', 7860'-61', 8001'-02', 8006'-07', 8014'-15', 8020'-21', 8093'-94', 8173'-74', 8178'-79', 8188'-89', 8211'-12', 8215'-16', 8242'-43' @ 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 7506'-07', 7512'-13', 7520'-21', 7536'-37', 7545'-46', 7605'-06', 7645'-46', 7666'-67', 7673'-74', 7721'-22', 7766'-67', 7778'-79', 7788'-89', 7796'-97' @, 2 SPF.

PERFORATE UPPER PRICE RIVER FROM 7180'-81', 7210'-11', 7219'-20', 7224'-25', 7233'-34', 7241'-42', 7249'-50', 7259'-60', 7268'-69', 7305'-06', 7316'-17', 7371'-72', 7407'-08', 7409'-10' @ 2 SPF.

PERFORATE Ba/NH FROM 6660'-61', 6663'-64', 6666'-67', 6679'-80', 6681'-82', 6692'-93', 6721'-22', 6728'-29', 6761'-62', 6791'-92', 6927'-28', 6983'-84', 6997'-98', 7010'-11' @ 2 SPF.

PERFORATE Ca/BA FROM 6100'-01', 6111'-12', 6115'-16', 6120'-21', 6124'-25', 6127'-28', 6130'-31', 6251'-52', 6311'-12', 6347'-48', 6400'-02', 6489'-90', 6504'-05' @ 2 SPF.

PERFORATE Ca FROM 5747'-48', 5756'-57', 5758'-59', 5762'-63', 5765'-66', 5774'-75', 5777'-78', 5811'-12', 5898'-99', 5900'-01', 6028'-29', 6034'-35' @ 3 SPF.

PERFORATE Pp/Ca FROM 5412'-13', 5414'-15', 5416'-17', 5517'-18', 5523'-24', 5525'-26', 5528'-29', 5530'-31', 5634'-35', 5642'-43', 5644'-45', 5646'-47' @ 3 SPF.

52.FORMATION MARKERS

Middle Price River	8139
Lower Price River	8928
Sego	9505